

Professional Profile

- Proven experience in leading and managing software development and platform teams, including recruiting, mentoring, and coaching team members.
- Ability to define and execute on software development strategies, project plans, and budgets, ensuring that projects are delivered on time, within budget, and to a high standard of quality.
- Strong problem-solving and decision-making skills, with the ability to make data-driven decisions and drive continuous improvement.
- Expertise in web development/software engineering/mobile application development/platform engineering with focus on obtaining new users, increasing user engagement, retention of current users, and reducing overall cost
- Excellent communicator, experienced in implementing client and staff visions of custom software applications
- Ability to multi-task critical projects and meet deadlines in a collaborative team environment
- Adjunct Professor, instructed undergraduate students in programming for information systems and advanced web development at Syracuse University

Leadership Experience

- Built several software engineering teams, comprised of full-stack, back-end, front-end engineers. Built a mobile development team both Android and IOS. Planned, budgeted, recruited members of a Platform engineering team consisting of Platform Engineers, Data engineers and solution architects. Led hiring committees, interviews and on-boarding processes.
- Lead the transition to a product led organization, and helped implement a product development team and agile practices.
- Conducted training seminars to fill in knowledge gaps of existing team as the company transitioned to the cloud and micro-services.
- Implemented and advocated for proper coding standards, deployment techniques and implemented continuous integration and delivery systems with proper testing standards and quality assurance processes.
- Worked on several task forces to integrated different companies through acquisition.
- Worked with several outsourcing agencies to complete short term projects and features.

Technical Skills

- Languages- C#, PHP, Python, NodeJS, JavaScript/TypeScript, Sass, Less, HTML, CSS, GoLang, Bash
- UI Frameworks- Bootstrap, Material Design, Tailwind CSS.
- JavaScript Frameworks - ReactJS, AngularJS (2x+), VueJS
- Server-side Frameworks - Django, Flask, .Net and .Net Core
- Database Applications - PostgreSQL, MySQL, Redis, MSSQL
- Cloud Services - Arranging deployment of virtual server instances, cloud storage, load balancers and other services offered by cloud service providers such as Amazon Web Services, Azure and Rackspace
- Advanced experience with Docker, Kubernetes, Rancher and other cloud native technologies
- Web CMS Platforms - Wagtail, DjangoCMS, Drupal, Wordpress, various custom content management systems
- Micro-service development and deployment, REST API, GraphQL
- Designed, Implemented and Deployed CI/CD pipelines, utilizing popular software and systems such as Git, Jenkins, and Gitlab, Bitbucket
- Test driven development (TDD) and documentation first development
- Studied Data Science and Machine Learning with Python and R.
- Experience with Flutter, and mobile application development

Work Experience

SIDEARM Sport / Learfield - Syracuse, NY
Vice President of Web Development

Aug 2021 - Present

- Lead several teams of software developers, mobile developers, and platform engineers in the creation and maintenance of world-class digital products, custom projects and successful client integration.
- Partner with Product Team to ensure that software development technology and infrastructure is well aligned with business goals and product road maps are successfully executed.
- Oversee development processes and formulates new processes to meet needs.
- Lead discussion with technology partners and coordinated various integration initiatives.
- Created standards and efficient processes to ensure code quality and continues deployment and integration pipelines.
- Contribute to the strategy, design and execution of effective deployment and DevOp practices.
- Works closely with senior leadership on continual process improvement and organizational change to support Agile values.
- Champion ongoing professional development amongst team and drives innovative technology adoption to support organizational goals.
- Work collaboratively with IT to ensure a best-in-class infrastructure including servers, virtual machines, load balancers, firewalls, security, privacy, and relationships with SIDEARM's infrastructure partners.
- Collaborated with Ad Operations to monetize digital assets.
- Contributed Code to several .Net, Python, NodeJS, and VueJS/Typescript code bases. Conducted Code Reviews and Mentored development teams.
- Developed CI/CD pipelines, with testing and security scanning, developed Helm charts to manage Kubernetes Deployments.
- Planned, budgeted, and trained a Platform team to manage cloud infrastructure on AWS, Azure and Kubernetes clusters.

Accomplishments:

- Worked with senior executive team to plan strategy for future growth, defined company objectives and resources required for execution.
- Worked with several other leadership groups to help cohesion of company assets post acquisition.
- Designed, interviewed and hired several teams of software engineers, mobile developers, and platform engineers. Fostered a positive work environment, led training and seminars to train the team in modern deployment and coding practices to meet the needs of a high profile fast paced company.
- Helped lead and contribute to the transformation of the company into a product led organization. Including product development, design of agile process and hiring product teams.
- Created and Led a Platform engineering team to transition to a modern containerized, micro-service architecture.
- Led development and planning of new web platform, utilizing modern frameworks and deployment practices, while delivering a first class experience for sports information professional and fans
- Designed and led initiative to a new native mobile app platform, worked with internal team and contractors to build a industry leading app platform that enhances the game day experience for fans.
- Awarded "Coach of the Year" by Learfield leadership in first year.

Work Experience (Cont.)

Syracuse University - Syracuse, NY
Director of Web Development (Oct 2020 - Aug 2021)
Assistant Director of Web Development (Dec 2019 - Oct 2020)

Dec 2019 - Aug 2021

- Responsible for leading a team of front-end and back-end developers in the creation of high quality, world-class web experiences for desktop and mobile devices.
- Responsible for leading a team of platform architects and system administrators to build and maintain a secure, agile, scalable platform that expands and evolves as the University needs and goals change throughout the years.
- Drive code development standards in the creation of services, features, and components to develop and maintain the central web presence of Syracuse University
- Manage a team of developers ensuring standards-compliant coding is used in the development of and implementation of Wordpress themes, plugins, features, and custom application development.
- Set direction, provide mentor-ship, determine technical standards, and drive platform decisions to facilitate future web development projects.
- Manage multiple development projects simultaneously using modern, agile development workflows to ensure effective delivery of superior products on-time and within budget.
- Drive the creation of web, mobile applications, and services based on wire-frames, sitemaps and visual designs to support university initiatives and serve the campus community.
- Designing and implementing quality assurance testing procedures with strong attention to detail.
- Manage team of developers to create and implement websites, features, components and web services.
- Manage development projects to ensure on-time delivery.
- Serve as subject matter expert influencing technical decisions and advising internal teams and campus partners.
- Debug and troubleshoot website issues as needed. Monitor analytics, logs, and reports. Keep abreast of industry trends, tools and best practices.
- Ensure websites meet accessibility requirements, are optimized for search, maintain mobile responsiveness, and meet performance standards.

Accomplishments:

- Led initiative to move from Wordpress to Wagtail/Django CMS for the main syracuse.edu website. Exponentially increasing efficiency and quality of content creation team.
- Deployed centralized code repository, implemented coding standards, and created community around campus to encourage open coding practices.
- Create a new deployment plan for our hosting environment utilizing Kubernetes and deployment automation. Decreasing development and deployment time allowing for no down time upgrades.
- Guided development of design system to promote University brand architecture across all web properties
- Lead creation of online micro-site focusing marketing efforts for online degrees. Site was created using modern technologies, allowing for efficient development. Site has exceeded all performance metrics both in performance and campaign conversion goals.

AppHammer LLC. - Syracuse, NY
COO / Co-Founder

Jan 2014 - Present

- Build custom web and mobile applications for several industries.
- Work with clients to scope work and project and set budgets..
- Launched several successful web and mobile apps.
- Work with contractors to complete projects on time and on budget.

Technologies:

- .Net Core / MVC
- Flutter
- Django, Flask
- AWS, Kubernetes and Docker

Work Experience (cont.)

Syracuse University - Syracuse, NY
Sr. Web Application Developer/Web Specialist II/Adjunct Professor

2014-2019

Web Developer

- Design, develop, implement and manage complex web sites and web/desktop applications for the School of Information Studies at Syracuse University focused on acquisition of prospective students, enhanced user experience, increased engagement and retention of current student body
- Collaborated with staff to define challenges and goals to increase efficiency through development of software solutions utilizing both enterprise and custom applications
- Manage a team of four students to design and develop projects to enhance the school's web presence, increase staff efficiency, and promote faculty research
- Managed projects and time lines, review code, ensure deployed applications are secure and accessible
- Implement and maintain continuous integration and deployment of applications within a Kubernetes environment, allowing higher velocity of application releases
- Research the latest hardware and software needed for the maintenance of the sites on a continual basis

Adjunct Professor

- Created lesson plans and assignments for learning objectives. Provided students instruction, feedback, and grades.
- Instructor for IST 256 - Application Programming for Information Systems
- Instructor for IST 363 - Advanced Web Development

Buildrr LLC - Pheonix, NY
Developer

2013-2014

- Created, designed and developed advanced web-based application ranging from simple portfolio websites to large E-Commerce and auction websites
- Managed deployment of client websites to cloud based hosting solution
- Communicated with clients to address project revision, modifications, and challenges during development and testing
- Managed a large code base and quality assurance using Git distributed version control system

Evolution Web Solutions - Syracuse, NY
Owner/Developer

2010-2015

- Responsible for server administration and web design/development with accountability for marketing and selling of services
- Created, designed, developed several applications for small businesses such as marketing websites, client portals and e-commerce solutions allowing customers to purchase and schedule offered services
- Enhancing and developed a successful website for a public high-school fundraising activities, website raised enough money to fund modified sports for the following year
- Utilized search engine optimization, created social media presence and designed e-mail marketing campaigns to increase the flow of traffic to client's sites

Creative Images Photography Inc. - Lacona, NY
Owner/Vice-President/Photography

2003-2011

- Co-owner of a successful photography studio from 2003-2011. With annual gross sales of \$400,000, employed 5 full-time staff and 4 part-time staff
- Hired and supervised employees
- Lead Photographer
- Designed and developed web presence for multiple locations
- Evaluated and developed effective actions to improve new customer business and implemented strategies designed to drive sales, increasing gross revenue 50-80% each year

Professional Development

- Developed and presented educational seminars at CNY Developers meet up
- Vice President of Professional Photographer's Society of Central New York (2011-2012)
- Developed and presented educational seminars on photography and digital image manipulation for colleagues
- Adjunct Instructor

Education

Computer Engineering and Physics

- BA, Physics, State University of New York at Potsdam, Potsdam, NY 1998-2002

Masters of Science Applied Data Science

- MS Applied Data Science, School of Information Studies at Syracuse University