

## Professional Profile

- Expertise in web development/software development/mobile application development with focus on obtaining new users, increasing user engagement, retention of current users, and reducing overall cost
- A resourceful, accomplished and organized web developer with experience in software procurement, development, system installation and administration
- 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
- Created and managed a student development team, utilizing modern agile development techniques
- Owned, operated and successfully created one of the highest volume photography studios in Central New York, with sales over \$450,000 a year

## Work Experience

Syracuse University - Syracuse, NY  
Sr. Web Application Developer/Web Specialist II/Adjunct Professor  
<https://ischool.syr.edu/ndlyga/>

2014-Present

### 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

## Work Experience (cont.)

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

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## Technical Skills

- Languages- C#, PHP, Python, NodeJS, JavaScript/TypeScript, Sass, Less, HTML, CSS, GoLang, Bash
- UI Frameworks- Bootstrap, Foundation, Material Design
- JavaScript Frameworks - ReactJS, AngularJS (2x+), VueJS, JQuery, BackboneJS, D3
- Server-side Frameworks - Django, Flask, .Net/MVC and .Net Core
- Server Applications - Nginx Web Server, IIS, Apache Web Server
- Database Application - PostgreSQL, MySQL, Redis, MSSQL
- Development/Desktop Applications- VSCode, Visual Studio, Adobe Creative Suite, Microsoft Office
- 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
- Platforms- Microsoft Windows, Linux (Debian-based distributions)
- Web CMS Platforms - Wagtail, DjangoCMS, Drupal, Wordpress, various custom content management systems
- Docker, Kubernetes, and Rancher container orchestration technologies
- Micro-service development and deployment
- Designed, Implemented and Deployed CI/CD pipelines, utilizing popular software and systems such as Git, Jenkins, and Gitlab
- Test driven development (TDD) and documentation first development
- Proficient in many forms of advanced lighting techniques, and usage of many types of photography gear

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## 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

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## 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 student in Applied Data Science, School of Information Studies at Syracuse University (enr. 2018)