Lauren Prete

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Professional Profile

Highly skilled Full Stack Software Engineer with 8 years of experience designing, developing, and maintaining web applications, with a strong focus on creating well-designed user experiences and web APIs. Demonstrated expertise in full-stack development with a proven ability to manage the entire software development lifecycle. Dedicated to driving technical excellence and delivering robust, secure, high-performance software solutions. Strong communication skills, capable of conveying complex technical information to technical and non-technical stakeholders. Passionate about creating exceptional software that makes a positive impact.

Languages/Tools

Frontend: JavaScript/Typescript, Angular, React
Backend: C#, Java, Python, NodeJS, Web API development, SQL (MSSQL, Postgres, MySQL), NoSQL (MongoDB, AWS S3)

Work Experience

Senior Full Stack Software Engineer   *June 2019 – Present*
North Atlantic Industries, Inc. | Bohemia, New York

- Design, develop, and maintain databases, web APIs, and web applications using C#, .NET 4.8/Core/6+, JavaScript, Angular, React, SvelteKit, MS SQL Server, PostgreSQL, and MongoDB
- Collaborate with stakeholders to improve or create business processes and codify them into software.
- Design high-quality user experiences with dynamic and mobile-friendly web UIs
- Create project roadmaps and ensure that project goals support company objectives
- Break down complex problems into discrete tasks. Delegate and oversee the execution of those tasks
- Containerize applications using Docker
- Set up CI/CD pipelines with Jenkins and GitLab
- Deploy applications to the cloud using AWS/Azure and migrate legacy on-prem apps to cloud
- Refactor or rewrite legacy applications to optimize usability, reliability, security, and speed
- Create AI-assisted tools and solutions using OpenAI GPT
- Mentor interns and junior team members through the lifecycle of a project

Web Application Developer   *September 2018 – June 2019*
Software Solutions Consulting, Inc. | Ronkonkoma, New York

- Designed, developed, documented and maintained .NET Web Forms and MVC based web applications and APIs using C#, Visual Basic, MS SQL, and JavaScript
- Developed data models and created stored procedures, triggers, and functions to implement business logic
- Led projects and worked directly with clients to translate business goals into technical requirements and execute them

Full Stack Web Developer   *July 2017 – September 2018*
Garment Printer Ink | East Northport, New York

- Updated and maintained e-commerce website using PHP, MySQL, JavaScript, HTML, CSS on LAMP stack
- Performed linux server (Ubuntu 16.04) administration and maintenance
- Migrated Magento 1 store to Magento 2
- Developed Magento 2 modules using PHP to add new user-friendly functionality to front and back end

Software Engineering Intern   *January 2015 – May 2017*
CA Technologies at CEWIT | Stony Brook, New York

- Implemented, documented, and maintained JavaScript-based UIs for large- and small-scale web applications
- Contributed to the development of a modular and extensible UI components library (charts, forms, progress bars, sliders, etc.) using Angular 2+
- Worked with startup founders and product owners to determine software requirements
- Collaborated with a team of engineers to build products as part of an agile development process

Education

Bachelor of Science in Computer Science   *August 2012 – May 2017*
Stony Brook University | Stony Brook, New York