MATT ORO

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Summary

Experienced Senior Software Engineer with 8 years of expertise in Web Development. Proficient in building user-friendly web applications across diverse industries. Passion about staying up-to-date with the latest technologies and collaborating with colleagues. Seeking a user-centric application.

Skills

- Languages
  - JavaScript, TypeScript, Python, Java
- Front End
  - React / Next.js / Redux, Angular / NgRx, Vue / Vuex, HTML, CSS / SCSS / LESS, Three.js / D3.js
- Back End
  - Node.js / Nest.js, Express.js / Koa.js, Spring Boot, Django, RESTful API / GraphQL
- Database & Testing & CICD & Cloud
  - MySQL / PostgreSQL / MongoDB, Cypress / Jest / Mocha / Junit, Jenkins / Docker, AWS

Experience

Senior Software Engineer 📅 01/2019 - Current

Cognizant 📍 Teaneck, NJ

- Built front-end and back-end applications including an e-commerce platform using **React/Next.js**, **Node.js**, **Spring Boot**, **GraphQL**, and **Docker**.
- Migrated applications from **monolithic** to **microservice** architecture with **React**, **Vue**, **Node.js**, and **Django**, resulting in a 50% improvement in scalability and performance.
- Revamped a legacy **JavaScript** codebase to **TypeScript**, enhancing code maintainability and reducing type-related errors by 30%.
- Developed server-side logic and **RESTful API**s using **Node.js**, leveraging its event-driven architecture and non-blocking I/O model for scalable, high-performance services.
- Engineered a responsive 3D graphics design feature using **Three.js**, significantly boosting user engagement and experience.
- Strengthened API security with robust authentication and authorization mechanisms, utilizing **OAuth**, **Okta**, and **JWT**.
- Implemented advanced encryption techniques using **Node.js**'s built-in crypto libraries (**Bcrypt** and **Scrypt**) for secure data protection.
- Deployed event-driven and microservices architecture on **AWS**, using **Lambda**, **API Gateway**, **EC2**, **S3**, **SQS**, **SNS**, DynamoDB, and Cognito, improving scalability and reliability by 30%.
- Enhanced platform performance with load balancing, **Redis** caching, and **CDN**, achieving a 70% boost in speed and responsiveness.
- Implemented an end-to-end **CI/CD** pipeline across multiple repositories with **Jenkins** and **Docker**, automating testing and deployment workflows, and improving software delivery efficiency.
- Conducted thorough **code review**s, averaging 200 lines per review, resulting in a 30% reduction in bugs and improved code quality.
- Applied **Agile methodologies**, specifically Scrum practices, for effective project management and iterative development.

Full Stack Developer 📅 03/2017 – 02/2019

Toptal 📍 Newton, MA

- Developed 3 feature-rich e-learning platforms using **React**, **Spring Boot** and **Node.js**, combining modern frontend techniques with robust back-end functionality. Increased user engagement by 30% and reduced page loading time by 20%.
- Created responsive user interfaces with **React**, delivering intuitive and engaging learning experiences for students on multiple devices, resulting in a significant 20% increase in user engagement.
- Leveraging the capabilities of **Node.js** and **Django**, I architected a scalable and secure back-end solution that seamlessly integrated with databases and external APIs, resulting in a substantial 20% improvement in efficiency and performance in managing course content, user progress, and assessments.
- Collaborated with cross-functional teams to successfully deliver a real estate platform, meeting project goals and client requirements within a tight deadline.

Front End Developer 📅 01/2016 – 03/2017

Toptal 📍 Newton, MA

- Precisely translating Figma designs into pixel-perfect, mobile-first, and responsive web applications using **HTML5**, **CSS3**, **Material UI**, and **Bootstrap**, consistently delivered exceptional visual and user experiences, achieving a remarkable 95% fidelity to the original designs.
- Utilizing **React**, **Redux**, **Tailwind CSS**, and **D3.js**, developed data analysis charts and diagrams for an E-commerce platform, enhancing data visualization and insights, while also achieving an exceptional 100% increase in customer satisfaction through the creation of a highly functional admin dashboard built from scratch using **TypeScript**, **React**, and **Redux.**
- Improved code quality by migrating a complex legacy JavaScript codebase to a modern and scalable system using **TypeScript**, while also implementing automated testing with **Jest**, **Mocha**, and **Cypress** for enhanced reliability and robustness.

Education

Bachelor's degree in Computer Science 08/2011 – 11/2015

Hong Kong University of Science and Technology