

ERICA OYTAS

Full Stack Developer | Tutor | Java, Kotlin, Spring, React | REST APIs, Microservices | Azure Cloud | CI/CD

ericaoytas@gmail.com | linkedin.com/in/ericaoytas

RELEVANT PROFESSIONAL EXPERIENCE

Coding Instructor | The Coder School — Cerritos, CA April 2026 - Present

- Led and assisted with after-school coding programs at local elementary and middle schools

Freelance Software Developer | Self-Employed April 2023 - Present

- Architected and led full-stack development of multiple web applications using Angular, React, Java (Spring), and Azure services (Functions, SQL, App Service), as well as custom VPS-hosted solutions — planned and prioritized features into phases, broke them into user stories, and delivered reliably.
- Directed a small team of developers/designers: facilitated requirement gathering, organized regular check-ins and design reviews, delegated tasks, and maintained timelines to satisfy stakeholder expectations.
- Collaborated closely with clients to gather requirements, translate business needs into technical specifications, and deliver iterative updates based on user feedback.
- Designed and implemented secure authentication and authorization systems, ensuring encrypted data storage and compliance with security best practices.
- Created and optimized admin dashboards and data tables, enabling efficient user management and real-time data visualization.

Software Developer | American Airlines — Tempe, AZ Feb 2021 - Apr 2025

- Built and maintained scalable backend services using Kotlin and Java, following Domain-Driven Design (DDD) and Test-Driven Development (TDD) principles.
- Designed and developed microservices and RESTful APIs to support enterprise applications and internal services, ensuring reliability and maintainability.
- Helped migrate apps from Azure App Services to Kubernetes. Set up CI/CD with GitHub Actions and worked with Docker and Kubernetes to support deployment and troubleshooting.
- Maintained CI/CD using GitHub Actions to streamline automated testing, builds, and deployments.
- Refactored legacy frontend codebase from ReactJS to NextJS, improving UI load time by over 80%.
- Achieved over 90% performance improvement through caching strategies and optimized service calls.
- Participated in an on-call production support rotation, resolving issues by identifying root causes and implementing reliable, scalable fixes.
- Helped set up and review monitoring dashboards to detect and troubleshoot issues in production.
- Collaborated cross-functionally with product and design teams to define and build complex features.
- Mentored junior members on code quality and best practices through code reviews and pair programming.

Coding Instructor | The Coder School — Las Vegas, NV Jan 2021 - Feb 2021

- Guided students ages 4 to 17 through curated coding projects and educational software programs.

Software Engineering Intern | Imatrex & TeleSecurity Sciences — Las Vegas, NV Feb 2018 – Jan 2019

- Created simulations in Python and MATLAB to test imaging system accuracy.
- Maintained and extended internal testing application used to verify imaging system results.

Mathematics Tutor | University of Nevada, Las Vegas — Las Vegas, NV Aug 2017 - Dec 2017

TECHNICAL SKILLS

Languages: Java, Kotlin, Python, HTML, CSS, JavaScript, Typescript

Libraries/Frameworks: Spring Boot, ReactJS, NextJS, AngularJS

Cloud & DevOps: Azure (Functions, App Service, SQL, Storage), GitHub Actions, Git

Other: Microservices, REST API, CI/CD, DDD, TDD, SQL (SQL Server), NoSQL (Cosmos DB)

EDUCATION

University of Nevada – Las Vegas

Aug 2015 - May 2019

Computer Science, Bachelor of Science

- Tau Beta Pi