

Zaid Quadri

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EDUCATION

Bachelor of Arts in Computer Science

Rutgers University • New Brunswick, NJ

Software Engineer

Experienced Software Engineer with proven expertise in designing, developing, and deploying scalable web applications and backend services using Java, JavaScript, Node.js, Angular, and React. Skilled in AWS infrastructure, automation, external platform integrations, and web accessibility compliance. Passionate about building robust, high-performance solutions.

WORK EXPERIENCE

Savvas Learning Co. • Paramus, NJ

07/2020 - Present

Software Engineer

- Led the migration of applications from Google Cloud to AWS, leveraging key AWS services to enhance scalability and performance, reducing monthly infrastructure costs by 10% while achieving faster application response times.
- Developed a service integrating LMS content with Canvas, Google Classroom, and others via LTI 1.1, helping decommission a legacy monolith and cut costs by \$30,000/month. Built using Angular, Java, DynamoDB, Redis.
- Developed a service to link third-party LMS accounts (e.g., Canvas) with Savvas Realize, enabling users to effortlessly transition between platforms. Built using Angular, TS.ed (Node.js), GraphQL, and Redis.
- Built an ETL data pipeline, optimizing data ingestion workflows for data engineering teams, processing hundreds of thousands of records daily using AWS Kinesis Firehose, Lambda, and Redshift.
- Developed new features, resolved critical bugs, and optimized performance for Outlier's web applications, a platform enabling high school students to take college courses via dual enrollment. Built with React.
- Migrated and managed CI/CD pipelines from Jenkins and Travis CI to AWS CodePipeline, automating deployments and enabling seamless daily production releases.
- Maintained and developed reporting dashboards for SuccessMaker, providing insights into student grades, trends, and progress. Built using Angular.
- Ensured web applications met 100% WCAG 2.1 AA compliance for users with disabilities by auditing, testing, and remediating UI components for accessibility issues. Built using Angular and React.
- Implemented path-based routing with an ALB for Outlier's backend, directing traffic to a separate ECS jobs instance for scheduled tasks, preventing load on the main service.
- Enhanced monitoring and system health visibility by integrating Datadog to track real-time performance of our services.
- Contributed to a shared framework-agnostic UI component library, adopted company-wide. Built using StencilJS.
- Strengthened engineering talent pipeline by conducting first-round interviews for interns and new graduates, assessing problem-solving and computer science fundamentals.

SKILLS

Languages and Technologies: AWS, Bootstrap, CSS, Docker, GraphQL, HTML, Java, JavaScript, Node.js, NoSQL, PostgreSQL, Python, Redis, REST, SOAP, SQL, Terraform, TypeScript, XML

Libraries and Frameworks: Angular, Express, Flask, Jest, jQuery, Karma, React, Redux, Spring, Spring Boot, Tape

Tools and Programs: Adobe Photoshop, Android Studio, AWS CLI, Command Line, Figma, IntelliJ, InVision, Postman