Zaid Quadri

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EDUCATION

Bachelor's 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** across multiple technologies, including **Java, Javascript, Node.js, Angular, and React**. Skilled in **AWS infrastructure**, automating deployments, integrating with external platforms, and ensuring compliance with **web accessibility standards**. Passionate about delivering 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, utilizing Route 53 and ALB for efficient traffic routing and ECS Fargate, ECR, and other AWS services to enhance scalability, reliability, and performance, resulting in a **10% monthly reduction in infrastructure costs** and faster application response times.

- Streamlined automated deployments by designing and maintaining an AWS CodePipeline, enabling **daily production releases** and ensuring seamless deployment of a separate ECS Jobs service for scheduled tasks.

- Designed and implemented 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 a service to integrate Savvas' LMS with external platforms (Canvas, Google Classroom, etc.), contributing to the decommissioning of the Realize monolith, **helping reduce costs by $30,000 per month**. Used Angular, Java, and DynamoDB.

- Designed and implemented a backend service enabling seamless linking of third-party LMS accounts (e.g., Canvas) to Savvas Realize internal accounts. Built with Angular, TS.ed (Node.js), GraphQL, and Redis for efficiency.

- Maintained and developed Angular-based reporting dashboards for SuccessMaker, providing insights into student grades, trends, and progress.

- Ensured web applications met **100% WCAG 2.1 AA compliance** by auditing, testing, and remediating UI components for accessibility issues. Built with Angular and React.

- Integrated Savvas Realize's rostering system with Outlier, enabling seamless provisioning of students and teachers within the platform.

- Designed an Application Load Balancer for Outlier.org's backend infrastructure, implementing path-based routing to direct traffic to ECS cron job tasks, optimizing scheduled job execution and improving overall application performance.

- Led a company-wide UI overhaul for all Single Sign-On (SSO) pages, improving design and user experience.

- Contributed to a framework-agnostic UI component library using StencilJS, **adopted company-wide.**

- Strengthened engineering talent pipeline by conducting first-round interviews for interns and new graduates, assessing problem-solving and computer science fundamentals.

SKILLS

- Angular, AWS, Bootstrap, C, Command Line, CSS, Docker, DynamoDB, Express, GraphQL, HTML, IaC, JavaScript, Java (Spring Boot), jQuery, Node.js, NoSQL, PostgreSQL, Python, React, SQL, Stencil, Terraform, TypeScript