

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, 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.
- Maintained web applications for Outlier, a platform enabling high school students to take college courses via dual enrollment. Developed new features, fixed critical bugs, and improved performance. Built using 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. Used 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.
- Contributed to a shared framework-agnostic UI component library that is 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