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Professional Summary

Highly skilled and adaptable Senior Software Engineer with over 5 years of experience in leading full-stack JavaScript development, specializing in serverless architecture, cloud-based security, and CI/CD pipelines. Proven track record of delivering scalable solutions in both startup and enterprise environments. Seeking to leverage my expertise in JavaScript, TypeScript, Node.js, and AWS technologies in a Principal Software Engineer/Team Lead role to drive innovation and efficiency in a dynamic team.

Skills

- **Languages:** JavaScript, TypeScript, SQL, HTML, CSS
- **Frameworks/Libraries:** React, Node.js, Express.js, Material UI
- **Cloud & DevOps:** AWS (Lambda, API Gateway, DynamoDB, Cognito, CloudFront, S3, Secrets Manager, Route 53, IAM), Terraform, Docker, Jenkins, CircleCI, GitHub Actions
- **Databases:** SQL, NoSQL, AWS DynamoDB, AWS Aurora Serverless RDS, MySQL, MongoDB
- **Testing:** Jest, Cypress.io, Selenium
- **Tools:** Github, Terraform, Scalr, AWS CDK, Webpack, Docker, Salesforce, Heroku, Jira
- **Methodologies:** Agile, CI/CD, Serverless Architecture, Infrastructure as Code, Test-Driven Development

Professional Experience

Senior Software Engineer
Curi – Remote, NC
August 2021 – Present

- Led a team in the development of a proprietary Risk Assessment application, allowing physicians to gain CME credits through an AWS-powered, secure platform.
- Architected and developed a quoting tool for brokers, utilizing React and serverless architecture (AWS Lambda, API Gateway) to dynamically integrate with legacy databases.

- Architected, developed and trained machine learning models with AWS Comprehend to extract key insurance details from emails sent through Salesforce to speed up quoting process
- Managed the integration of an acquired company into our Salesforce environment, customizing workflows without disrupting existing functionality.
- Spearheaded the migration from a legacy SSO provider to AWS Cognito, implementing customized authentication hooks and ensuring seamless integration with existing systems.
- Developed and maintained CI/CD pipelines using GitHub Actions, facilitating automated testing and deployment across multiple applications.
- Contributed to key architecture decisions and collaborated closely with internal teams and external consultants to deliver high-value solutions.
- Mostly developed solutions using Node.js (Javascript and Typescript), but occasionally wrote integrations using Python or Salesforce Apex code.

Software Developer - Fullstack JavaScript
Curi – Remote, NC
August 2020 – August 2021

- Developed multiple web applications and tools using React, Node.js, AWS services, and serverless architecture, enhancing user experience and operational efficiency.
- Maintained and extended the Terraform-based infrastructure as code, ensuring consistent and reliable deployment of applications and services.
- Developed IaC modules to reuse across multiple AWS Accounts and repositories to ensure security and consistent code for services using Lambdas, API Gateway, Secrets Manager, IAM resources, Cloudfront/S3-hosted web applications and more.
- Led the development of a member profile application using React and Material UI, streamlining user management processes for insured members.
- Provided strategic input on architectural decisions, helping guide the team's technical direction.

Software Engineer - Fullstack JavaScript
Self – Durham, NC
December 2017 – Present

- Designed and implemented modern full-stack applications with React, Node.js, and various databases (MongoDB, MySQL).
- Created custom WebPack configurations, improving application performance and streamlining the development process.
- Developed and deployed Dockerized applications to AWS and Heroku, integrating CI/CD pipelines for automated testing and deployment.
- Built several tools, including a Salesforce test data generator and a CRM database duplication application.

Software Engineer - QA
Validity – Remote, NC
January 2019 – April 2020

- Bootstrapped CI/CD processes for multiple enterprise applications, ensuring high-quality releases and reducing deployment time.
- Developed and executed automated test suites using Cypress.io, Mocha, and Jest, achieving comprehensive test coverage and improving software reliability.
- Contributed to the development of the front-end of a large-scale entitlement system using React, improving user operations and customer license management.
- Developed a tool for creating test data in Salesforce, crucial for validating the performance of enterprise products.

Education

Full-stack JavaScript Software Developer Certification
University of North Carolina at Chapel Hill
May 2019

B.S. Exercise and Sports Science
University of North Carolina at Chapel Hill
December 2016

Certifications

- AWS Certified Solutions Architect – Associate
- AWS Certified Cloud Practitioner
- Salesforce Certified Administrator
- Salesforce Service Cloud Consultant