Akilandeshwari Srinivasan, Software Developer

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Professional Summary

With 3 years' experience in front-end technologies and cloud solutions, I excel in platform development and user experience, leveraging Angular, React, NodeJS, Cloud technologies, CI/CD, Docker, and Kubernetes.

Technical Skills

Cloud Provider: AWS, Azure.
Front-end Frameworks: Angular12, AngularJS, React.js.
Web Technologies: HTML5, CSS3, SASS, Bootstrap, JavaScript, TypeScript, Node.js
Infrastructure as Code (IaC): Terraform
Orchestration Tools: Docker, Kubernetes
Programming Languages: C, Python, Java
CI/CD Tools: GitHub Actions, Docker, Jenkins
Additional Skills: Troubleshooting, Code Debugging, Agile Scrum, Git Proficiency, JIRA, Figma, Adobe XD, Linux

Professional Summary

Junior DevOps Engineer – Bow Valley College   **Sept 2023 – May 2024**

- Proficient in a wide range of AWS services (**EC2, S3, IAM, CloudWatch, SNS, RDS, Load Balancer, DynamoDB, Lambda**) security best practices, and the software development lifecycle.
- Led the development and cloud deployment of an interactive website using **Angular**, **Bootstrap**, and **Python**, boosting online revenue by 45% and increasing customer retention by 30%.
- Orchestrated **AWS deployments** enhancing fault tolerance and scalability.
- Engineered **robust CI/CD pipelines and Docker configurations**, optimizing deployment frequency by 40% and reducing time-to-market by 50%.
- Spearheaded the development of a user-centric learning platform with **React**, **Bootstrap**, **Node.js**, and **Express.js, MySQL** improving performance and user experience by 40%.
- Built scalable AWS infrastructure with **Terraform**.
- Proven ability to lead cross-functional teams using **agile methodologies**, ensuring timely project delivery and high client satisfaction.

Software Developer – Cognizant Technology Solutions   **Oct 2020 – Aug 2023**

- Expertise in crafting SPAs with **Angular 12** and **React**, enhancing load times and user engagement.
- Led the upgrade from **Angular 2 to Angular 11**, improving performance and user experience.
- Optimized performance with **code splitting**, **lazy loading, JSON Objects, CORS, iFrame, responsiveness, and efficient data binding.**
- Converted design mockups to web interfaces using **HTML, CSS, jQuery, SASS, JavaScript, and JSX.**
- Proficient in RESTful API integration, improving data communication and manipulation by 30%.
- Developed backend services and APIs with **Python, .NET** and **Node.js**, ensuring high performance.
- Implemented unit tests and conducted code reviews for quality and reliability.
- Mastered **Git** for collaborative development and code stability.
- Designed and deployed scalable, secure applications on AWS using **EC2, S3, RDS**.
- Utilized **Terraform** for automated infrastructure provisioning.
- Managed user access and permissions with **AWS IAM**, enhancing security and compliance.

Full Stack Developer – Cognizant Technology Solutions   **Jan 2020 – Aug 2020**

- Proficient in **MEAN Stack (Angular, NodeJS, ExpressJs, MongoDB)** stack development, enhancing website performance by 30%.
- Employed **MongoDB** for efficient database management, ensuring optimal scalability.
- Crafted interactive user interfaces with Angular to elevate user engagement.

Education

- Post-Graduate Diploma in Cloud Computing   **Sep 2023 - Apr 2024**
  Bow Valley college • Calgary, Alberta, Canada
- Bachelor's in computer science and engineering   **Aug 2016 – Apr 2020**
  Anna University • Chennai, Tamil Nadu, India