

EDUCATION

California State University, Fullerton, Master's in Computer Science
SNIST, Hyderabad, Bachelor's in Electronics and Communication

Aug 2022 - May 2024

Aug 2017 - July 2021

PROFESSIONAL SUMMARY

- Full Stack Developer with over 4 years of experience in building and deploying web and mobile applications.
- Proficient in backend technologies like Java (Spring Boot, Spring MVC), Node.js, and .NET, and experienced in front-end development using React.js, Angular, and Redux.
- Skilled in designing and managing both relational (MySQL, PostgreSQL) and NoSQL (MongoDB, Cassandra) databases. Expertise in cloud platforms including AWS (Lambda, EC2, S3, DynamoDB) and Azure (Functions, Blob Storage, SQL Database).
- Strong knowledge of RESTful APIs, CI/CD pipelines, microservices architecture, and serverless computing using AWS Lambda and Azure Functions.

TECHNICAL SKILLS

- **Languages/OS:** Python, Java, C, C++, C#, PHP, SQL, R, Golang, Kotlin, Ruby on Rails, HTML, CSS, JavaScript, TypeScript.
- **Tools and Frameworks:** Docker, Angular, Kubernetes, Git, Gitlab, JIRA, Jenkins, Selenium.
- **Web/Mobile Development:** Flask, Django, Node, Express, React, Next, Angular, Redux, Spring Boot, REST, Swift.
- **Databases:** MySQL, SQLite, MongoDB, PostgreSQL, Cassandra.
- **Cloud Technologies:** AWS (Lambda, EC2, S3, ECR, Route 53, IAM, DynamoDB, RDS, EBS, Kinesis), Azure (Functions, Blob Storage, SQL Database, Virtual Machines)
- **Libraries:** Pandas, NumPy, SciPy, Matplotlib, Axios

EXPERIENCE

California State University, Fullerton – Web Developer

May 2023 - May 2024

- Developed and maintained websites using **HTML, CSS, JavaScript, and CMS** platforms.
- Improved housing website usability by 30% and increased student satisfaction by 25% using **React**. Monitored site performance, security, and analytics, enhancing reliability and security by 20%.

Infosys, Hyderabad- Software Engineer

Sep 2021 - Aug 2022

- Led full-stack development using **Angular, Node.js, .NET, C#, Entity framework 6.0** and **Spring Boot**, integrating microservices for a 25% scalability improvement.
- Debugged the application using Chrome Inspector, Firebug and many other debug tools. Inspected migration of cloud infrastructure to **AWS**, resulting in a 30% cost reduction and increased reliability.
- Collaborated with clients to integrate innovative Machine Learning modules into their application significantly improving efficiency and effectiveness.
- Involved in implementation of RESTFUL web service APIs using **Node.js, .NET**, which were consumed by making AJAX calls and JSON as data exchanging tool.
- Integrated third-party APIs and services to expand application functionality and provide richer features to end-users. Worked with partners and clients at every stage of implementation of the integration, for instance to gather requirements, review completed implementation.
- Implemented continuous integration and continuous delivery (**CI/CD**) pipelines using tools such as **Jenkins, GitHub CI, and Docker**, automating the testing and deployment processes to ensure rapid and reliable delivery of new features. Gained an experience with test-driven development and agile environment.
- Participated in regular sprint planning, backlog grooming, and retrospective meetings, contributing to continuous improvement of development processes and team efficiency.

- Involved in analysis, design, and development and testing of the application and participated in Daily Stand - Up scrum for client requirements.
- Designed user-centric front-end applications and interactive web pages utilizing **HTML, XML, and CSS**. Developed navigation bars and enhanced interactivity on web pages through jQuery plugins, AJAX, and JavaScript.
- Undertook a comprehensive website redesign to align with web and industry standards. Used Node.js frameworks in the construction of web applications.
- Developed and maintained server-side applications using Java8, and core Java, ensuring robust and scalable backend solutions. Developed Single Page Web Application with **React.js, Redux, Express.js, Node.js, REST API, and MongoDB**.
- Used Postman to test API and used GIT as version control tool. Used React, JavaScript, Query to create Controllers to handle events triggered by clients and send request to server.
- Utilized **AWS Lambda** and **Azure Functions** for serverless functions, reducing response times by 40% and cutting costs.
- Integrated **AWS S3, DynamoDB, API Gateway, and Azure Blob Storage, Azure SQL Database** for efficient data handling and microservices.
- Provided production support, ensuring smooth operation and timely deployment of updates.
- Managed robust error handling, caching, and database operations using **ADO.NET and SQL Server**.

PROJECTS

Real-Time Data Processing of Split wise Data using B Data Technologies

- Handled and analyzed real-time Split Wise data for cost designs, spending patterns, and optimization suggestions using Apache Kafka, Spark, Scala, Cassandra, Spring Boot, Kotlin, Docker, and Gradle.

CHATBOT

- Developed an intelligent chatbot with voice and text input, integrated with Google authentication. Designed **RESTful APIs** for real-time communication and deployed the application on **Google Cloud Platform (GCP)**.

E commerce book store

- Developed an e-commerce bookstore using ASP.NET Core and C# with Entity Framework Core for database management. Integrated Stripe for payments, Twilio for SMS notifications, OAuth authentication via Facebook and Google, and Docker for containerization and deployment.

Task Management System

- Developed a Task Management System using Angular 7, Spring Boot, and Spring Security with JWT for authentication. Integrated Spring Data JPA and Hibernate for database operations, and used Angular Material and PrimeNG for a responsive interface. Implemented RESTful APIs for task management and role-based access control.

Decentralized Voting Application

- Developed a secure and transparent decentralized voting application leveraging blockchain technology. Utilized Hardhat for smart contract deployment, and Volta for Node.js version management. Designed and implemented the frontend using JavaScript, HTML, and CSS, React.

CERTIFICATIONS:

- AWS Certified Solutions Architect - Associate (SAA-C03) [View Here](#)
- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional [View Here](#)
- The Complete 2024 Web Development Bootcamp [View Here](#)