

VENKAT DHULIPALLA

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Professional Summary

Results-driven **Full Stack Engineer** with over 3 years of experience in developing and maintaining scalable software solutions. Expertise in **ReactJS, JavaScript, Core Java, Spring Boot**, and **cloud technologies** like **Kubernetes** and **AWS**. Proven track record in designing, programming, testing, and deploying high-quality software. Strong advocate for best practices and innovation, with a holistic view of product interactions and ecosystem strategy.

Experience

Full Stack Engineering Analyst

09/2021 – 07/2022

Accenture Solutions

Hyderabad, India

- **Developed** and **implemented end-to-end full-stack** solutions using **Java and React.js**, improving system efficiency by **20%**.
- Developed and deployed full-stack solutions with a focus on security, reliability, and operations, enhancing system performance by **30%**.
- Collaborated with enterprise-wide teams to design and implement scalable solutions, improving project delivery times by **20%**.
- Led a team of junior engineers, providing learning tasks and mentoring, resulting in a **25%** increase in team productivity.
- Utilized **ReactJS** and **Spring Boot** for developing user interfaces and backend services, achieving a **95%** satisfaction rate in user feedback.
- Integrated **Kubernetes** for container orchestration, reducing deployment times by **40%**.
- Designed and implemented **RESTful APIs** with security features like **JWT** and **OAuth**, enhancing API security by **50%**.
- Employed **CI/CD pipelines** using **Jenkins**, improving release cycles by **30%**.
- Conducted code reviews and enforced coding standards, leading to a **15%** reduction in code defects.
- Automated testing using **Junit** and **Cucumber**, improving test coverage by **35%**.
- Led technology communities and advocated for best practices, contributing to a **20%** improvement in team skills and knowledge.
- Utilized **AWS** for deploying and managing applications, enhancing scalability by **25%**.
- Implemented performance monitoring and tuning using **Jmeter**, resulting in a **20%** improvement in application performance.

Tech Stack: Java, ReactJS, Spring Boot, Kubernetes, REST APIs, OAuth, JWT, Jenkins, AWS, Junit, Cucumber, Jmeter

Associate Software Engineer

07/2019 – 09/2021

KPCC Services LLP

Bangalore, India

- Participated in the full software development lifecycle, from design to deployment, resulting in the successful launch of 5 major projects.
- Developed frontend applications using **ReactJS** and **Redux**, improving user experience by **40%**.
- Implemented backend services using **Java** and **Spring MVC**, reducing response times by **25%**.
- Utilized **PostgreSQL** and **MariaDB** for database management, ensuring data integrity and performance.
- Employed **CI/CD practices** with **Jenkins** and **Gradle**, accelerating deployment frequency by **30%**.
- Conducted thorough testing using **Gatling** and **Junit**, increasing test coverage and reliability.
- Collaborated in an **Agile** environment, contributing to sprint planning and execution, enhancing project delivery efficiency by **20%**.
- Assisted in API domain design and security implementation, improving API robustness by **30%**.
- Managed cloud deployments on **AWS**, ensuring high availability and scalability.
- Participated in code reviews and pair programming sessions, fostering a culture of continuous improvement and learning.
- Utilized **Docker** for containerizing applications, simplifying deployment processes and reducing environment inconsistencies.

Tech Stack: Java, ReactJS, Java, Spring MVC, PostgreSQL, MariaDB, Jenkins, Gradle, Gatling, Junit, AWS, Docker

Technical Skills

Languages and Frameworks : Java, JavaScript, SQL, ReactJS, Redux, Spring Boot, Spring Data JPA, Hibernate
Tools: Jenkins, JIRA, Git, Swagger
Databases: PostgreSQL, MariaDB, Oracle
Cloud: AWS, Kubernetes (OCP)
Methodologies: Agile, XP Engineering Practices
Testing: Junit, Gatling, Jmeter, Cucumber
CI/CD: Jenkins, Nexus, Gradle
API: REST APIs, OAuth, JWT

Education

University of North Texas

Master's of Science in Computer Science GPA 3.8/4.0

Denton, TX

Osmania University

Bachelor's of Engineering in Electronics and Communication

Hyderabad, India

Projects

Full-Stack Image Uploader Application | *Spring Boot, ReactJS, Amazon S3, EC2, Docker* **Github**

- **Developed a Full-Stack Application:** Constructed an integrated application using Spring Boot for the backend, ReactJS for the frontend, and Amazon S3 for image storage, providing a seamless solution for users to upload, store, and display images.
- **Enhanced User Experience with ReactJS:** Designed a user-friendly interface with ReactJS, optimizing the image uploading process to boost user engagement and streamline interactions.
- **Scalable Backend with Spring Boot:** Developed a robust REST API using Spring Boot, utilizing AWS Client to interact with Amazon S3 for secure and reliable image storage, enhancing system performance and scalability.
- **Efficient Deployment with Docker:** Implemented Dockerization of the application, cutting deployment times by 50% and ensuring uniform operation across various environments from development to production.

Task Management System | *Spring Boot, Microservices, ReactJS, Amazon S3, EC2, MySQL* **Github**

- **Developed a full-stack task management** application using **React.js** and **Spring Boot**, implementing a **microservices architecture** with separate user, task, and submission services.
- **Designed and integrated RESTful APIs**, leveraging Eureka Server for service discovery and API Gateway for request routing, enhancing scalability and reliability.
- **Implemented Redux Toolkit** for state management and used Tailwind CSS and Material-UI to create a responsive, user-friendly interface.
- Ensured robust **user authentication** and role-based access control, **managing independent microservices** for fault tolerance and easy scalability.

IPL Data Marvel | *ReactJS, SpringBoot, Spring Batch, AWS* **Github Demo**

- Incorporated AWS services for scalable data storage and processing, ensuring optimal performance during peak traffic.
- Implemented real-time data updates using Spring Batch, providing users with the latest IPL team information.
- Conducted user feedback sessions to iterate and improve UI/UX design, resulting in a seamless and intuitive user experience.

MovieQuest: Modern Movie Discovery App | *React, Redux, Material UI* **Github Demo**

- Implemented personalized recommendation algorithms, increasing user satisfaction and retention by 30%.
- Optimized backend APIs for faster response times, leading to a 25% decrease in loading times for movie details.
- Integrated social media sharing features, enabling users to easily share movie recommendations with friends and family.

Fast-PizzaStore Project | *ReactJS* **Github Demo**

- Utilized Progressive Web App (PWA) techniques for offline support, allowing users to place orders even with intermittent internet connectivity.
- Integrated Google Maps API for real-time order tracking, enhancing transparency and customer experience.
- Conducted A/B testing for UI elements, resulting in a 15% increase in conversion rates for the checkout process.