VENKAT DHULIPALLA

Dallas, Texas 📞 940-843-3274 ✉ venkatdhulipalla21@gmail 🔗 Linkedin 💼 Portfolio ⊙ Github

Technical Skills

Languages: JavaScript, Python, Java, C, SQL, HTML/CSS (ES6).
Frameworks: React, NodeJS, Spring Boot, Flask, JUnit, FastAPI.
Development Tools and Technologies: Git/GitHub, JIRA, Postman, Docker, Kubernetes.
Technologies: AWS Cloud, REST APIs, JQuery, OAuth, JWT.
Databases: MySQL, PostgreSQL, MongoDB, DynamoDB, CosmosDB.
Skills: Data Structures and Algorithms, Object-Oriented Programming, Problem Solving skills, Machine Learning.

Experience

University of North Texas   Feb 2023 – Present
Research and Teaching Assistant (Part-time)   *Denton, TX*

- Developed and delivered comprehensive lectures and hands-on exercises for three courses, resulting in a 20% increase in student engagement and a 15% improvement in final grades.
- Assisted faculty members in conducting **research projects**, contributing to the publication of two peer-reviewed articles, with an average impact factor of 4.0.

Accenture Solutions   Sept 2021 – July 2022
Full Stack Engineering Analyst (Full-time)   *Hyderabad, India*

- Designed and implemented **scalable Java Spring Boot** applications with **ReactJS** interfaces, leveraging **AWS services** for cloud scalability. Resulted in a 50% increase in application performance and reduced infrastructure costs by 30%.
- Implemented **Apache Kafka for real-time data streaming** in Java Spring Boot applications, resulting in a 40% improvement in data processing speed. Successfully handled over 1 million messages per second with minimal latency.
- Was involved in all phases of the Software Development Life Cycle (**SDLC**) and followed **Agile Scrum Methodology** to produce quality deliverables within time.

Skills: Java, Spring Boot, Spring Microservices, ReactJS, AWS, Apache Kafka, Docker, Github, Kubernetes.

Ascendancy Projects LLP   June 2019 – Aug 2021
Java Full Stack Developer (Full-time)   *Hyderabad, India*

- Developed an **e-commerce platform** with features such as **product listing, shopping cart, checkout, and OAuth authentication**, using **Java Spring Boot** and **ReactJS**. Resulted in a 30% increase in user engagement.
- Collaborated with cross-functional teams to troubleshoot and resolve complex technical issues, achieving a 20% improvement in application performance.

Skills: Java, Spring Boot, ReactJS, MongoDB, OAuth, JWT, RESTful APIs,

Projects

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

- Developed and implemented IPL Dashboard, a **full-stack application for IPL team data**, resulting in increased efficiency of data processing by 30%.
- Designed dynamic user interfaces with React JS to enhance the user experience of the IPL Dashboard, resulting in increased user engagement by 25%.

Churn Prediction Web Application | *TensorFlow, Python, Flask,* **Github**

- Developed and executed a comprehensive developing strategy for the **Churn Prediction Web App**, resulting in a 95% reduction in critical bugs and ensuring a seamless user experience.
- Spearheaded the development and execution of a comprehensive testing strategy for a personal Churn Prediction Web App.

Education

University of North Texas   Aug. 2022 – May 2024
Master's of Science in Computer Science GPA 3.8/4.0   *Denton, TX*

Osmania University   July. 2017 – May 2021
Bachelor's of Engineering in Electronics and Communication   *Hyderabad, India*