

VVS Satya Pasupuleti

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Experience

Tata Consultancy Services

Feb 2022 – Mar 2024

Assistant System Engineer

Hyderabad, India

- Developed responsive user interfaces with **ReactJS** and **JavaScript**.
- Collaborated with UX/UI teams to implement accessible and modern web designs.
- Built reusable React components and managed application state using **Redux**.
- Created **RESTful APIs** and **microservices** using **Spring Boot**.
- Optimized database queries with **Hibernate** and ensured data persistence.
- Ensured cross-browser functionality and performance.
- Wrote and executed unit tests using **JUnit** for quality assurance.

NSE TalentSprint

Sep 2021 – Jan 2022

Java Full Stack Developer (Trainee)

Hyderabad, India

- Developed full-stack applications with **Spring Boot**, **Spring MVC**, and **Angular**.
- Implemented data persistence using **Spring Data JPA** and **Hibernate**.
- Managed build scripts and project dependencies with **Maven**, **Gradle**.
- Containerized backend services with **Docker** for consistent deployments.
- Engineered responsive UI components using **Angular** and **TypeScript**.

Projects

Inventory Management System | Java, Spring Boot, Angular, MySQL, AWS EC2

- Designed and developed a full-stack inventory management app using **Java**, **Spring Boot**, and **Angular**.
- Built secure **REST APIs** with **JWT authentication** and implemented real-time stock tracking.
- Integrated **MySQL** for backend storage and deployed the solution on **AWS EC2**.

Hotel Management System | React, Spring Boot, PostgreSQL

- Built a responsive hotel booking platform using **React** and **Spring Boot**.
- Implemented role-based access with **JWT**, customer management, and payment gateway integration.
- Deployed the application on a cloud platform and used **PostgreSQL** for data management.

Technical Skills

Languages: Java, JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3

Backend: Spring Boot, Spring MVC, Spring Security, REST APIs, Microservices, Hibernate, JPA, Maven, Gradle, JUnit

Frontend: React, Angular, Redux, React Hooks, npm, Webpack

Databases: MySQL, PostgreSQL, Oracle, MongoDB

Cloud & DevOps: AWS, Docker, Jenkins, Git, CI/CD

Tools: GitHub, Bitbucket, Jira, Postman, IntelliJ IDEA, VS Code

Methodologies: Agile, Scrum, Test-Driven Development (TDD), Behavior-Driven Development (BDD)

Core Concepts: OOPS, Data Structures, Design Patterns, Algorithmic Thinking, Security Best Practices

Education

Elmhurst University

Aug 2023 - May 2025

Master's in Computer Information Technology

Elmhurst, IL

Sankethinka Institute of Technology And Management

Jun 2018 - Aug 2021

Bachelor of Technology in Mechanical Engineering

Visakhapatnam, India

Certification

AWS Certified Cloud Practitioner | Amazon Web Services

AWS Certified Developer - Associate | Amazon Web Services

Full Stack Web Development with Angular Specialization | Talent Sprint

Docker & Kubernetes for Java Developers | Udemy