Satya Pasupuleti

pasupuletisatyax49@gmail.com | (312) 498-7815
LinkedIn[link] | GitHub[link] | Portfolio[link]

Education

Elmhurst University, Elmhurst, IL
Master's in Computer Information Technology (Application Development) | Aug 2023 – May 2025

Sankethika Institute of Technology & Management, Visakhapatnam, India
Bachelor's in Mechanical Engineering | Jun 2018 – Aug 2021

Experience

Tata Consultancy Services, Hyderabad, India
Assistant System Engineer | Feb 2022 – Mar 2024
- 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, Hyderabad, India
Java Full Stack Developer (Trainee) | Sep 2021 – Jan 2022
- 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
- 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
- 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.

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.