Pavan Shetty

Java Backend Developer | Java Developer | Software Engineer

Bengaluru, India

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TECHNICAL SKILLS

Languages: Java, SQL, Python
Core Java: OOPS, Collections, Multithreading, Exception Handling, Java 8
Backend: Spring Boot, Spring MVC, Spring Security, **REST APIs**, JWT, RBAC
Frontend: HTML5, CSS3, JavaScript, Thymeleaf
Databases: MySQL, PostgreSQL, H2
Testing & Tools: JUnit, Git, Maven, Docker, Postman, IntelliJ IDEA
CS Fundamentals: DBMS, OS Basics, Data Structures

PROJECTS

Work Sphere (GitHub)

Spring Boot, MySQL, REST APIs, HTML, CSS, JavaScript, Google Gemini

- Built a full-stack automation system for email ingestion, task extraction, and workflow planning with backend services and responsive UI.
- Designed modular **Spring Boot REST APIs** with layered architecture and service abstraction for scalable backend processing.
- Developed frontend interfaces using **HTML, CSS, and JavaScript** to visualize tasks, priorities, and AI-generated summaries.
- Integrated **Google Gemini** for AI-driven task prioritization and automated summarization workflows.
- Implemented secure **JWT authentication**, **RBAC**, and optimized relational **MySQL** schemas.

SmartShop (Live | GitHub)

Java, Spring Boot, Thymeleaf, HTML, CSS, JavaScript, MySQL

- Developed a full-stack business management system with secure **Spring Boot** backend and dynamic server-side rendering.
- Built responsive UI using **HTML, CSS, JavaScript, and Thymeleaf** for product, user, and order management.
- Implemented **CRUD operations**, **MVC architecture**, validation, and role-based authorization.
- Handled centralized exception management, request validation, and secure endpoint design.

Quiz Application (GitHub)

Java, Spring Boot, REST APIs, JUnit, H2, MySQL, PostgreSQL

- Built scalable **REST APIs** for quiz and question lifecycle management using clean layered architecture.
- Implemented business logic with proper validation, exception handling, and controller–service separation.
- Validated API endpoints using **JUnit** following test-driven development principles.
- Supported and tested the application across multiple databases including **H2, MySQL, and PostgreSQL**.

INTERNSHIP

Software Development Intern   Jan 2026 – Present

Tap Academy, Bengaluru

- Applied **Core Java**, **JDBC**, Servlets, and **Spring Framework** for backend application development.
- Worked with **OOP**, **Collections**, **Multithreading**, and relational databases using **MySQL**.
- Designed and tested **REST APIs** and collaborated on frontend integration using **HTML, CSS, and JavaScript**.
- Optimized SQL queries, debugged backend issues, and improved performance in Spring-based applications.

ACHIEVEMENTS

- Solved **100+ Data Structures & Algorithms problems** on LeetCode using **Java** (Arrays, Strings, Linked Lists, Trees).
- Graduated with **Honors Degree** alongside B.Tech in Computer Science.
- Presented a **Digital Signature System** at IDEATHON 2024.
- Certified in **Advanced Java (IIT Bombay)**, **Python (IBM)**, and **Power BI (Microsoft)**.

EDUCATION

MVJ College of Engineering   Dec. 2022 – Apr. 2026

*Bachelor of Engineering in Computer Science | **CGPA: 9.2***   *Bengaluru, Karnataka*

Government Pre-University (PU) College   Jul. 2020 – Apr. 2022

*Higher Secondary in PCMB | **Percentage: 91.67%***   *Sagar, Karnataka*