

# Manya Tiwari

| Full Stack Developer |

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## SUMMARY

Results-driven professional with experience in Full Stack Development, specializing in Java-based backend systems and responsive front-end applications.

## TECHNICAL SKILLS

**Programming languages:** Java & Python.

**Backend Development:** Spring Boot, Jakarta EE, REST APIs

**Frontend Development:** React.js, HTML, CSS, JavaScript

**DevOps & Tools:** Linux, GitHub, CI/CD Pipelines (Jenkins, GitHub Actions), Maven, Git, Agile methodology

## WORK EXPERIENCE

### Hewlett Packard Enterprise (HPE)

BENGALURU, KARNATAKA, INDIA

#### Software Engineer

Aug'2023 - Aug'2025

##### Java Developer – REST APIs for API Gateway (Springboot, Java)

- Engineered RESTful APIs using Spring Boot and Spring Framework, to automate communication between UI and internal API Gateway, decreasing application deployment time by 20% enabling faster release cycles.
- Orchestrated backend service integrations by executing Python-based build scripts, interfacing with the IMC database (Redis Cache), and deploying WAR files to JSP environments, resolving the top three causes of build failure.

##### Front End Developer – GUI for NSASJ34 (Java)

- Led end-to-end integration of the (open-source) HAL Console into NSASJ34, leveraging the Porting Tool Assistant to speed migration to the latest WildFly version.
- Refactored the GUI into a modular plug-and-play component using React.js, reducing future upgrade effort by 85% and regression testing time by 80%.
- Automated code reviews and resolved merge conflicts using VS Code extensions and Beyond Compare, raising SonarQube code quality score by 25%.

##### Java Developer – Nonstop Application Server for Java 34 (Java, JEE)

- Accelerated WildFly 34 integration into NSASJ34 by 60% using a custom internal Porting Tool Assistant.
- Conducted system-level testing and debugging across five critical modules, identifying memory leaks and improving resource utilization by 50%.

## INTERNSHIP

### Hewlett Packard Enterprise (HPE)

BENGALURU, KARNATAKA, INDIA

#### Software Engineering Intern

Jan'2023 - JULY 2023

##### Full Stack Developer - Porting Tool Assistant Project (Python, Tkinter)

- Designed and Developed a tool, automating open-source project porting with JAR selection and integration, accelerating porting by 60% and reducing developer onboarding time by 20 hours.
- Built a GitHub repository detection module for automatic project downloads and setup, improving project startup speed by 5x and eliminating manual configuration errors.
- Scripted detection of discrepancies between ported code versions, generating 250+ duplicates to speed developer code modifications, reduced manual porting effort by approximately 40% through automation.

## ACADEMIC PROJECTS

### E-Clean - Social Impact App for Plastic Waste Management

- Users upload images of plastic and its location, the app detects the type of plastic and this database can be used by NGOs and governments as well as plastic vendors to track locations.
- Tech Stack: React.js, Tailwind CSS, Sanity, Python, TFLite, ML (CNN), Android Studio, Firebase.
- Role: Web Developer – social media interface to enable image and location uploads for plastic detection.
- [Project Link](#)

## EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY, BHOPAL, MP, INDIA

2019 - 2023

Bachelor of Technology (B-Tech) - Computer Science and Engineering

Academic Performance: Secured **8.62 CGPA**.

## KEY ACHIEVEMENTS

**Achieved HPE Badges:** Bold Mover, Customer Obsessed, Early delivery, and volunteer.

**Volunteer Mediation Coach:** Lead a team of 70 volunteers and organised a "Happiness program", taught stress relief practices to working professionals and students to promote better mental and physical health.