

Avantar Nikhare

Fresher Software Engineer | Java & Backend Developer

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Summary

Fresher Software Engineer skilled in **Java, Python, PHP, HTML, CSS, and SQL** with a strong foundation in **Backend Development**. Hands-on experience gained through internships in software development, data analytics, and AI modules. Seeking entry-level **Software Engineer** or **Backend Developer** roles to contribute to building scalable applications.

Education

B.Tech in CSE	Guru Nanak Institute of Technology, Nagpur	2023 - Present
Diploma in Comp. Tech.	Government Polytechnic, Sakoli	2020 - 2023
Class X (SSC)	Lal Bahadur Vidyalyaya, Gondumri	2019 - 2020

Skills

Languages:	Java (Core/Adv), Python, SQL, C, PHP, JavaScript, HTML, CSS
Backend & DB:	Spring Boot , REST API, MySQL, Oracle, JDBC, Hibernate
Tools & IoT:	Git, GitHub, Postman, Raspberry Pi 4 , VS Code, Power BI
Soft Skills:	Problem Solving, Team Collaboration.

Experience

Software Development Intern (IoT & Full Stack)	Nov 2025 - Present
<i>VCF Cyber Solutions Pvt. Ltd.</i>	<i>Remote</i>

Developing a secure access control system using **Raspberry Pi 4** and **ESP32 Sensors** for real-time monitoring.
Building **RESTful Backend APIs** to fetch sensor data and displaying it on a responsive **Frontend Dashboard**.
Integrated hardware-software communication protocols ensuring accurate data logging and device management.

Intern (Java & AI)	Feb 2025 - Jul 2025
<i>Lotus Education</i>	<i>Nagpur</i>

Implemented **Java-based AI modules** to automate student data processing and performance tracking.
Optimized database queries (SQL) to handle large datasets, improving application response time by 20%.

Data Science Intern	Mar 2024 - Apr 2024
<i>Jha Enterprise</i>	<i>Nagpur</i>

Engineered data pipelines using **Python Pandas** for cleaning and visualizing complex business datasets.

PHP Intern	Jul 2022 - Aug 2022
<i>VEEDEV Software Pvt. Ltd.</i>	<i>Tumsar, MH</i>

Developed web tools using **PHP & MySQL**, focusing on CRUD operations and bug fixing.

Projects

Digital Repository <i>HTML, CSS, JavaScript, Bootstrap, PHP, MySQL</i>	Jul 2025 – Present
Developed a responsive web application using HTML, CSS, JavaScript, and Bootstrap with backend logic in PHP . Implemented full CRUD operations with MySQL and secured backend endpoints for data access.	

Criminify – FIR System <i>PHP, MySQL, Geo-Mapping</i>	Aug 2024
Developed a digital FIR filing portal with Role-Based Access Control for police and public users. Implemented complex SQL queries to track financial trails and visualize crime hotspots on maps.	

Land Price Predictor <i>Python, Machine Learning</i>	Jul 2024
Built a prediction engine using Linear Regression , optimized with MSE reduction techniques for high accuracy.	

Certifications

• Oracle AI Vector Search CP (<i>Oracle</i>)	• Google Analytics Certification (<i>Google</i>)
• GenAI Data Analytics Job Sim (<i>Forage</i>)	• OOPS in Java (<i>Great Learning</i>)
• Data Science with Python (<i>Simplilearn</i>)	• Hackathon Project Completion (<i>GNI</i>)