

Avghade Gaurav

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ABOUT

A highly organized and hardworking individual seeking a responsible position to gain practical experience. I aim to secure a challenging career opportunity to fully utilize my skills while making a significant contribution to the success of the company.

SKILLS

Programming Languages:

Java, C++, Python, JavaScript, TypeScript

Frontend Development

React.js, HTML, CSS

Backend Frameworks & Libraries

Spring Boot, Hibernate, Spring Data JPA, RESTful APIs

Databases

MySQL, PostgreSQL, MongoDB

Development Tools & Platforms

Git, Docker, Kafka, IntelliJ IDEA, VS Code

Technical Competencies

Data Structures & Algorithms (DSA),
Object-Oriented Programming (OOP),
Operating Systems (OS)

PROJECTS

SelliT

Tech Stack - Spring Boot, Spring MVC, Spring Security, JPA, MySQL, HTML, CSS, JavaScript

- Social media platform for students to buy/ and sell items, similar to OLX.
- Features include user authentication, item posting, dashboards, and premium accounts.
- Built with secure backend logic (Spring framework, MySQL) and interactive frontend (HTML, CSS, JS).

IScholar

Tech Stack - Spring Boot, Spring MVC, Spring Security, JPA, MySQL, HTML, CSS, JavaScript

- Developed a scholarship application platform with user management and a desk-wise form approval system.
- Implemented user authentication, dashboard pagination, and database integration with MySQL.
- Developed a secure backend using Spring technologies and an engaging frontend for an intuitive user experience.

WealthFisher

Tech Stack - MERN (MongoDB, Express, React, Node.js), TypeScript, Redux Toolkit, Axios, Vite, React Router, Material UI

- Developed a finance application for tracking KPIs and financial data with predictive analytics using regression.js.
- Ensured backend reliability with TypeScript, state management with Redux Toolkit Query, and API handling via Axios.
- Crafted a responsive and interactive UI using Vite, React Router, and Material UI.

Steel Surface Defect Classification System

Tech Stack: Python, NumPy, Pandas, OpenCV, Jupyter Notebook, Machine Learning (ML).

- Developed a classification system for steel surface defects using Random Forest Classifier and texture descriptors.
- Applied GLCM and LBP techniques for comprehensive texture analysis and feature extraction.
- Utilized k-fold cross-validation for robust model training, ensuring effective image processing and performance evaluation.

CERTIFICATES

Fundamentals of Java Programming  (Coursera)

HTML, CSS, JavaScript, React - Online Certification Course  (Udemy)

The Ultimate MySQL Crash Course 2024  (Udemy)

EDUCATION

B. Tech, Electronics & Telecommunication, Vishwakarma Institute of Technology
CGPA - 7.83

present
Pune, India

Diploma, Mechanical Engineering, Government Polytechnic of Pune
Percentage - 85.47%

2019 – 2022
Pune, India

LANGUAGES

• English

• Marathi

• Hindi