

JAY KHAIRNAR

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Nashik, Maharashtra, India

PROFESSIONAL SUMMARY

Motivated Information Technology undergraduate with strong foundations in Data Structures, Web Development, and Backend Engineering. Experienced in building scalable full-stack applications using MERN and Spring Boot. Passionate about problem-solving, system design, and developing efficient software solutions.

EDUCATION

Pune Vidyarthi Griha's College of Engineering, Nashik

Bachelor of Engineering in Information Technology – GPA: 8.00/10.00

Nashik, Maharashtra

Aug 2023 – Aug 2027

- Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Operating Systems, Web Development, Object-Oriented Programming, Computer Networks

TECHNICAL SKILLS

Programming Languages: Java, C++, Python, JavaScript, SQL, HTML/CSS

Frameworks & Libraries: React, Node.js, Express.js, Spring Boot, Flask, NumPy, Pandas

Developer Tools: Git, GitHub, VS Code, IntelliJ IDEA, Postman, Linux, MySQL, MongoDB

Core Competencies: Data Structures & Algorithms, Object-Oriented Programming, Problem Solving, System Design, RESTful APIs, Machine Learning

PROJECTS

E-Commerce Platform | React, Node.js, Express, MongoDB, JWT

- Built full-stack e-commerce application with authentication, product catalog, and payment integration serving 500+ users
- Implemented RESTful APIs with Express.js and MongoDB, reducing query response time by 40%

Task Management System | Java, Spring Boot, MySQL, React

- Developed collaborative task management app with role-based access control for teams of 50+ members
- Architected backend using Spring Boot with MySQL, implementing efficient CRUD operations

Spam Message Detection | React, Python, Machine Learning, Flask

- Developed spam detection system using machine learning trained on 5,000+ messages with 95% accuracy
- Built interactive React frontend with Flask API backend for real-time message classification

ACHIEVEMENTS & LEADERSHIP

Smart India Hackathon (SIH) Participant

2023, 2025

- Participated in Smart India Hackathon 2023 and 2025, India's largest nationwide hackathon initiative

Hacktober25 Participant

October 2025

- Participated in open-source hackathon organized by GDG at MET Bhujbal Knowledge City, Nashik

Competitive Programming

Ongoing

- Solved 500+ problems across LeetCode, Codeforces, and HackerRank; 4-star CodeChef, Knight on LeetCode

CERTIFICATIONS

- ReactJS – Infosys Springboard
- AWS Academy Graduate – AWS Academy
- Deep Learning for Developers – Infosys Springboard