KAUSHIK PAHADE

Nagpur, Maharashtra

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Education

Karmavir Dadasaheb Kannamwar College of Engineering, Nagpur **2022 - 2025**
- B.Tech. - Electronics and Telecommunication Engineering | CGPA: 7.13

Shri Mathuradas Mohota college of Science, Nagpur **2021**
- 12th | MSBSHSE | Percentage: 76.50

Technical Skills

Java | Advanced Java | Spring Boot | Rest API & Microservices | React.JS | Html | CSS | JavaScript | Oracle | GitHub

Operating System & DevOps Tools

Windows & Linux | Git | Maven | SonarQube | Nexus | JENKINS | Docker | K8S | AWS & Services

Experience

Embedded Developer Virtual Internship, Edu skills Foundations, AICTE **05/23 – 07/23**
- Applied fundamentals of Embedded Systems, C, and Microcontrollers (Arduino / 8051 / ARM)
- Improved system stability by optimizing firmware and debugging I/O operations.

Projects

ShopScale (2024) — React.js, Spring Boot, Spring Security, Spring Cloud **2024**
- Built microservices for user, product, order, payment, and notification modules
- Implemented API Gateway with centralized authentication (OAuth2, JWT)
- Optimized system performance using Redis caching and database sharding

IoT-Based Smart Miner Safety System **2025**

Description: The system detects gas leaks, temperature rise, and unsafe environments, sending instant alerts to ensure worker safety and quick response system for underground mines enabling real-time monitoring.

Responsibilities: Integrated multiple sensors for environmental data collection
- Implemented cloud visualization and alert notification system

Publications / Whitepapers

TITLE: A SMART SYSTEM THAT DETECTS HAZARDOUS CONDITION FOR MINERS **2025**
- International Journal of Innovative Research in Technology | Mentor: Dr. Jyotsana Gawai | Role: Author

Certifications

Oracle Cloud Infrastructure (2023) – Oracle **|** Google Cybersecurity (2024) – Coursera **|** Full Stack Development (2025) – Naresh IT | Japanese Language Proficiency Test JLPT – N4 (2025) – The Japan Foundation

Soft Skills

- Willingness to learn
- Self-Management
- Teamwork

Languages

- English | Japanese | Hindi | Marathi

Hobbies

- Chess, listening to music, Learning Foreign Languages, Exploring emerging tools and technologies