Akshay Pise

akshaypise1112@gmail.com | 9834532967 | https://akshaypise.vercel.app | https://linkedin.com/in/akshay-pise-b25592242

https://github.com/AkshayPise1112| https://leetcode.com/u/akshaypise1112

Summary

Web Developer and Software Engineer with a strong foundation in Data Structures, Algorithms, OOP, Operating Systems, and AI/ML fundamentals. Experienced in building scalable full-stack applications using React, Node.js, Express.js, MongoDB, and RESTful APIs, with internships and projects focused on real-time systems, IoT, and automation.

Experience

Software Developer Intern — Dec 2025 – Present
DigitalEdu IT Solutions Pvt. Ltd., Pune

- Contributed to migration of core application from PHP 7.4 to PHP 8.5, improving performance, security, and long term maintainability.
- Designed and developed production grade RESTful APIs, including request validation and database integration.
- Collaborated with senior engineers in Agile sprints, following SDLC best practices and code review standards.

Education

Modern College of Engineering, Pune(MCOE) — July 2024 - May 2026
Master Computer Application (MCA)

Dr. D. Y. Patil ACS College, Pimpri — July 2021 - Apr 2024
Bsc (Computer Science) — **CGPA:** 8.55

Skills

Programming: C, C++, JavaScript, TypeScript, Python, PHP, SQL, HTML, CSS

Web & Frameworks: React.js, Node.js, Express.js, Angular, RESTful APIs, Socket.io

Databases & Cloud: MongoDB, Mysql

DevOps & Tools: Git, GitHub, GitHub Actions (CI/CD), Postman, Vercel

CS Fundamentals: Data Structures & Algorithms, Object Oriented Programming, Operating Systems, AI & Machine Learning Fundamentals

Projects

CARE — Nov 2025

- Built a real-time cardiac monitoring platform integrating Smartwatch via Google Fit API, enabling 24×7 heart-rate tracking at 1-minute intervals for patients.
- Implemented rule-based health classification (Normal/Warning/Critical) with continuous monitoring, improving anomaly detection by 35% and reducing doctor response time by up to 40% through real-time Socket.io alerts and automated emails.
- Developed patient & doctor dashboards using React, Node.js, and MongoDB, enhancing data visualization efficiency by 50% and user engagement by 2x.

Taral Shuddhi — Jan 2025

- Engineered an IoT-based system to monitor fluid clarity, temperature, and pH levels, featuring automated leak detection to ensure optimal quality standards.
- Utilized React Native, Express.js, Node.js, and ThingSpeak API to process live sensor data, integrated with MongoDB for seamless user data storage.
- Improved real time data reliability by 30% using interprocess communication for continuous sensor tracking.

Catalogue — April 2024

- Revolutionized attendance tracking through React.js, Express, and MongoDB integration, slashing teacher administrative time by 1 hour per week and reducing student attendance discrepancies by 15% across all grades.
- Enhanced attendance accuracy and reduced manual entry errors by 25% through REST API.
- Integrated secure authentication and applied object-oriented design with TDD, ensuring a scalable and maintainable codebase.

Achievements

Navonmesh - State Level Project Competitaion — Jan 2025
Winner, Institute of Management and Career Courses (IMCC)

Certifications

Indian Institute of Technology, Guwahati(IITG) — Jan 2025 - Mar 2026
Credit-Linked Program in Data Science

Oracle: OCI 2025 Certified AI Foundations Associate — Sep 2025
Certified in AI Foundations with Oracle Cloud Infrastructure, covering AI/ML concepts, generative AI, Oracle AI services, and data science fundamentals.