

Atharva Patil

+91 7499139049 | anpatil.1223@gmail.com | linkedin.com/in/atharva-patil | github.com/atharva-patil-23

EDUCATION

AISSMS Institute of Information Technology

Bachelor of Technology in Artificial Intelligence and Data Science

Pune, India

July 2022 – July 2026

EXPERIENCE

Flowwork Automation

Full-Stack Development Intern

Pune, India

Jan 2025 – April 2025

- Built and maintained full-stack web applications using MERN stack (MongoDB, Express.js, React.js, Node.js) with TailwindCSS for responsive UI design across 3 device types
- Collaborated with 8-member development team to implement 20+ RESTful APIs and optimize database queries, improving application performance by 40%
- Built 15+ reusable React components and integrated 4 third-party services, reducing code redundancy by 30% and enhancing development efficiency by 25%

PROJECTS

Flow AI - Task Management Application | *MongoDB, Express.js, React.js, Node.js, OpenAI API*

- Architected full-stack web application following Software Development Life Cycle principles with requirements analysis, design, implementation, testing, and deployment phases serving 500+ daily active users
- Implemented OpenAI GPT-3.5 integration using Python and JavaScript for automated task categorization across 8 categories with 82% accuracy, processing 1000+ tasks monthly
- Optimized database queries and indexing on 10+ collections, achieving 75% reduction in response time from 800ms to 200ms for 95% of API calls

Convo - Real-time Messaging Platform | *Javascript, Node.js, MongoDB, Socket.IO*

- Created scalable chat application using Node.js, supporting 25 simultaneous users with message delivery confirmation achieving 99.5% uptime
- Designed efficient message routing algorithms handling 10,000+ messages daily and optimized user session management to handle concurrent connections with 50ms average latency
- Enhanced database performance by 65% through compound indexing on 5 key collections and query optimization techniques reducing load time from 3s to 1s

Devbay - Developer Blog Platform | *React.js, JavaScript, Appwrite, TinyMCE*

- Engineered responsive web application using JavaScript and React.js with user authentication and content management features serving 200+ registered users
- Implemented rich text editor supporting syntax highlighting for 15+ programming languages including Java, C++, and Python, with 2MB average article size
- Built search functionality with full-text indexing across 500+ articles and 3 filtering options, delivering search results in under 100ms

TECHNICAL SKILLS

Programming Languages: Java, C++, Python, JavaScript, TypeScript

Software Development: Node.js, React.js, Express.js, RESTful APIs, Software Development Life Cycle (SDLC)

Web Technologies: HTML5, CSS3, TailwindCSS, Next.js

Databases & Tools: MongoDB, MySQL, PostgreSQL, Git, GitHub, Docker, Postman

Cloud & Services: AWS (EC2, S3), OpenAI API, Cloudinary, Redis, Prisma ORM

ACHIEVEMENTS & RESEARCH

Research Publication: Co-authored paper on "Distraction Detection for Vehicle Drivers Using Deep Learning Techniques" applying machine learning models to achieve 89% detection accuracy on 5000+ test samples

Academic Excellence: Consistently maintained 7.5+ CGPA across 6 semesters in Computer Science coursework with strong foundation in programming and engineering principles

Open Source Contributions: Active GitHub contributor with 50+ commits across 10 repositories, showcasing collaborative development and version control expertise with 200+ stars received