VEDANT DAGADKHAIR

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PROFESSIONAL SUMMARY

Computer Engineering student with strong full-stack development experience and MERN stack expertise seeking a Software Developer Engineer role. Demonstrated success in competitive programming and national hackathons, ready to apply technical skills to create innovative software solutions.

EDUCATION

Bachelor of Computer Engineering, Mumbai University   Sep 2022 - May 2026

9.65 CGPA   Mumbai, Maharashtra

SKILLS

Languages	JavaScript, TypeScript, Python, Java, C, C++, SQL, HTML/CSS
Frameworks & Libraries	React.js, Node.js, Express.js, Next.js, Tailwind CSS, Bootstrap, RESTful APIs, Redux
Databases & Cloud	MongoDB, MySQL, PostgreSQL, Firebase, AWS (EC2, S3, Lambda, RDS), NoSQL
DevOps & Tools	Git, GitHub, Docker, Kubernetes, CI/CD, Postman, VS Code, Agile Methodologies

EXPERIENCE

MERN Stack Intern   Jan 2024 - Present

Fascave Solutions   *Mumbai, Maharashtra*

- Developed responsive web applications using **MongoDB**, **Express.js**, **React.js**, and **Node.js**, improving user engagement by 25% and enhancing application performance by 30% through optimized database queries
- Built front-end components with **React.js** and **Tailwind CSS** while participating in **Agile** development cycles including daily stand-ups, sprint planning, and code reviews

Problem Setter and Research Head   Sep 2023 - Present

Shastra Coding Club   *Mumbai, Maharashtra*

- Designed 50+ coding challenges incorporating industry-standard algorithms and led research initiatives on competitive programming strategies, improving contest performance by 30%
- Developed comprehensive documentation and resources for data structures and algorithms, benefiting 100+ club members in enhancing their technical problem-solving abilities

PROJECTS

ExamPaperAI — MERN Stack, **RESTful API**, **MongoDB** (GitHub) Engineered a sophisticated full-stack application for university faculty that automatically generates balanced examination papers, reducing manual selection time by 80%. Implemented intelligent question selection algorithms based on difficulty levels, topics, and learning outcomes with **JWT** authentication and responsive **React.js** frontend.

Water Price Management — MERN Stack, **Machine Learning** (GitHub) Developed an analytics-driven platform for Indore Municipal Corporation, improving resource efficiency by 25%. Implemented **ML models** to analyze consumption patterns of 50,000+ households and predict demand. Created an interactive dashboard with **React.js** and **D3.js** for visualizing water distribution metrics.

ACHIEVEMENTS

- Won second prize at **IIT Bombay's LOGIthon** and first place at **HACK'NDORE 2024** national hackathons. Achieved 3-star rating on **CodeChef** with algorithmic proficiency across 350+ competitive programming challenges.
- Ranked in top 5 teams at **Coherence 1.0** (AI/ML competition) and global rank 423 in **START 104 CodeChef Contest**. Selected as finalist in **Hackanova 3.0 2024**, developing tech solutions under strict time constraints.