Gandharv Kulkarni

📞 +91 7972368497 ✉ gandharvakulkarni2003@gmail.com 🔗 Portfolio ⭕ gandharvak

EDUCATION

Pimpri Chinchwad College of Engineering, Pune   2022 – 06/2025 | 8.03 CGPA
Bachelor of Technology in Information Technology

Vishweshwarayya Abhiyantriki Padvika Mahavidyalaya, Almala, Latur   2022 | 93.31%
Diploma in Computer Engineering

EXPERIENCE

Marma Innovations Pvt. Ltd   07/2025 – Present | Pune
Full Stack Developer
- Built a responsive React dashboard featuring interactive Python, SQL, and Excel editors for real-time code execution and progress tracking.
- Managed complex data by using React Query for fast API fetching and Redux/Context to keep data in sync across different pages.
- Enhanced system performance by identifying slow data requests and applying server-side caching, resulting in faster page transitions and a more reliable user interface.

Marma Innovations Pvt. Ltd   06/2024 – 06/2025 | Pune
Full Stack Developer Intern
- Designed a **modern, responsive UI** using **Tailwind CSS and shadcn/ui**, creating a **reusable component library** for consistent design, scalability, and maintainable code.
- Improved **frontend performance and discoverability** by optimizing **Core Web Vitals (LCP, CLS, INP)** and implementing **SEO best practices** such as semantic HTML, structured headings, and metadata optimization.

PROJECTS

TnP Connect 🔗
One Stop Solution for Placement Cells with Integration of Various Skill Assessment Platforms
- Developed a **cross-platform mobile application** using **React Native**, with **Node.js backend services** and a **React-based admin dashboard**, to streamline end-to-end placement processes.
- Integrated competitive programming data from platforms such as **LeetCode, Codeforces, and HackerRank** into a **centralized leaderboard** for unified performance tracking.
- Implemented **real-time push notifications** using **Firebase Cloud Messaging (FCM)** with a **microservice-based notification system** to ensure timely updates for students and placement officers.
- Improved **student engagement and communication efficiency** through automated alerts, announcements, and placement-related notifications.

Tech Stack: React Native • React JS • React Query • Redux • Express • Node JS • MongoDB • Firebase

Aquarius 🔗
Measuring CO, PO, and PSO to calculate KSA (Knowledge, Skill, and Attitude)
- Developed a **SaaS-based academic assessment platform** to automate **CO–PO mapping** and outcome-based evaluations with **~90% accuracy**.
- Enabled educational institutes to **generate precise attainment reports** and **track student performance outcomes** efficiently.
- **Streamlined the NBA accreditation process**, improving accuracy and consistency in CO–PO mapping and compliance reporting.
- Reduced **educator/faculty workload by 40–50%** through **automated assessment workflows**, allowing greater focus on teaching and learning.
- Enhanced **educational outcome analysis** by providing structured insights into course attainment and program performance.

Tech Stack: React JS • Redux • Express • Node JS • MongoDB • Chakra UI • Chart JS

HRM Web App 🔗
- A smart web app designed for HR teams to easily track employee attendance, calculate overtime, and generate invoices
- Simplifies daily HR tasks with automated tools, so teams can focus more on people, not paperwork.

Tech Stack: React JS • Express Js • Node Js • MongoDB • PassportJS • Shadcn UI

SKILLS

Languages: Java, JavaScript, Python, SQL, HTML, CSS
Relevant Coursework: Database Management Systems, Data structures & Algorithms, Object Oriented Programming
Soft skills: Communication skills, Leadership, Team player, Cross - Functional Collaboration
Technologies: React.js, Next.js, Node.js, Express.js, MongoDB, Docker, Git, FastAPI, GraphQL, AWS, Github Actions

ACHIEVEMENTS

Tech Trade Hackathon   2024
Secured 2nd rank in the hackathon organized under ADVAIT at DY Patil College of Engineering, Pune.

The Blue Bit Hackathon   2023
Secured 3rd rank in a state-level hackathon organized under PRAXIS at Pimpri Chinchwad College of Engineering (PCCoE), Pune.