

Om Thakkar

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EDUCATION

Marathwada Mitra Mandal's College of Engineering, Pune

Aug' 2021 – Jun' 2025

Bachelor of Engineering in Computer Engineering

CGPA : 8.97

TECHNICAL SKILLS

Languages: JavaScript, Python, C/C++, SQL, PHP

Frameworks: React, Next.js, Flask, FastAPI, Node.js

Cloud: Azure Portal, AWS Management Console, EC2, S3, CICD pipelining, Virtual Machines

UI Libraries: Material-UI, Mantine-UI, Tailwind CSS, Flowbite, Bootstrap

Developer Tools: Git, GitHub, MongoDB Atlas, Visual Studio Code, Sublime, Ngrok, FileZilla

UI/UX Tools: Figma, Canva, Whimsical

EXPERIENCE

Harpa Technologies Pvt. Ltd.

Feb' 2024 – Aug' 2024

Software Developer Intern

Pune, Maharashtra

- Led the development of in-house products like MyVenue and US-based Favv, along with other projects
- Collaborated closely with cross-functional teams to finalize approximately five major design mockups each week; streamlined approval processes reduced turnaround times from concept to implementation by two weeks.

Equations Work

Dec' 2023 – Jan' 2024

Trainee Software Engineer

Pune, Maharashtra

- Created user interfaces for an in-house SaaS product, focusing on responsive design and seamless user experiences.
- Actively participated in daily scrum meetings, contributed to project discussions
- Developed software requirement specifications and technical specifications documentation, providing clear guidelines and ensuring alignment between stakeholders and the development team

PROJECTS

Irene | *React, Django, OpenAI, AWS Polly, AWS RDS, PostgreSQL*

Jul 2024 – Aug 2024

- Developed an AI-powered mental wellness platform featuring AI chat, AI calls, and sound therapy sessions to support mental health.
- Achieved a 90% user satisfaction rate during testing by designing an intuitive interface that enhanced overall user experience and engagement.

Favv | *PHP, HTML, JavaScript, Tailwind, Figma*

Feb 2024 – Aug 2024

- Developed a platform that aggregates testimonials and feedback, driving customer engagement through higher visibility of client success stories, leading to a measurable 25% increase in repeat business over three months.
- Optimized user flow and improving the interface design from prototypes to the final product.

Retrieveo | *React, Tailwind, MongoDB, LangChain, GPT 3.5, Gen AI*

Mar 2024 – May 2024

- Created a multi-source retrieval platform that processes data from PDFs, videos, audio, and text, transforming it into an interactive knowledge-based chatbot.
- Optimized data retrieval and improved response time by 40%, delivering a faster and more efficient user experience.

Athena | *HTML, Tailwind, Python, FastAPI, OpenAI, LangChain, Transformers, Firebase*

Apr 2024 – May 2024

- Developed an AI-powered platform that generates interactive study modules from educational materials, offering personalized learning paths.
- Boosted user engagement by 30% during beta testing through effective design of user-friendly study paths and modules.

Diagnoze | *HTML, CSS, JavaScript, Bootstrap, Python, TensorFlow*

Jan 2024 – Mar 2024

- Built a blockchain-based platform for medical predictions and record management, providing secure and efficient access to patient data.

- Reduced medical record retrieval times by 50%, improving the platform’s overall efficiency and data accessibility.

LegalSathi | *HTML, JavaScript, Bootstrap, Python, FastAPI, PyTorch, LangChain* Sep 2023 – Oct 2023

- Developed an AI-based legal assistance platform with tools for legal document analysis, summaries, and an organized repository.
- Enhanced user experience by simplifying legal workflows through an accessible interface, improving legal service efficiency.

CERTIFICATIONS

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|--------------------------------------------|-----------|
| • Spoken Tutorial - RDBMS Postgre Training | Oct' 2023 |
| • FreeCodeCamp - Responsive Web Design | Jun' 2023 |
| • Spoken Tutorial - Python 3.4.3 | Apr' 2023 |
| • Spoken Tutorial - C | Nov' 2022 |

POSITIONS OF RESPONSIBILITY

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|------------------------------------------------------------|----------------------|
| • President at CODE, MMCOE | Jun' 2024 - Present |
| • Development Head at Microsoft Learn Students Club, MMCOE | Jul' 2023 - May 2024 |

ACHIEVEMENTS

- Winner, Parul University AI-ML Healthcare Hackathon
- Winner, I2IT Startup Surge Competition
- Honorable Mention, National Level IEEE RMC 2023 Ideathon and Pitchfest (Haryana)
- Winner, IEEE MMCOE Flagship Event Avinya 2k23
- Winner, IEEE Pune Section PBL Project Competition
- First Runner-Up, State-Level Project Competition at IMCC, Pune
- Winner, SIH Internal Hackathon
- First Runner-Up, F.A.C.E v4.0