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

UI/UX Tools: Figma, Canva, Whimsical
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

EXPERIENCE

IVC Ventures Pvt. Ltd.   Oct' 2024 – Present
Software Developer Intern   *Pune, Maharashtra*

- Designed SaaS product interfaces using React and Tailwind CSS component libraries.
- Managed the MongoDB database and collaborated on back-end development.
- Integrated React, Node.js, and Tailwind CSS to build robust, user-friendly systems.

Harpa Technologies Pvt. Ltd.   Feb' 2024 – Aug' 2024
Software Developer Intern   *Pune, Maharashtra*

- Led the development and design 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.
- Developed additional UI/UX interfaces for client applications and websites.

Equations Work   Dec' 2023 – Jan' 2024
Trainee Software Engineer   *Pune, Maharashtra*

- Designed interfaces using Figma, following UI/UX principles, for an in-house SaaS product.
- Researched front-end technologies for product development.
- Participated in daily scrum meetings and contributed to SRS documentation with the team.

PROJECTS

Irene | *React, Django, OpenAI, AWS Polly, 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 user satisfaction by designing an intuitive interface that enhanced overall user experience and engagement.

Favv | *PHP, HTML, JavaScript, Tailwind, Figma*   Feb 2024 – May 2024

- Developed a platform that aggregates testimonials and feedback, driving customer engagement through higher visibility of client success stories
- Optimized user flow and improving the interface design from prototypes to the final product.

Retrievo | *React, Tailwind, MongoDB, LangChain, GPT 3.5, Gen AI*   Apr 2024 – June 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 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 designing 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

- 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

- 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