Harsh R Bagtharia

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EDUCATION

Malla Reddy College of Engineering — Hyderabad, India
Bachelor of Technology in Computer Science and Engineering — *Nov 2022 – May 2026*
- **Specialization:** Artificial Intelligence and Machine Learning (AI & ML)
- **CGPA:** 8.5 / 10.0

EXPERIENCE

Product Development Intern — June 2025 – Nov 2025
Urbanloop (Mobility Transit Innovations Pvt Ltd) — *Remote*
- Engineered and deployed three cross-platform mobile applications to the Google Play Store and Apple App Store using **React Native**.
- Designed high-fidelity User Interfaces (UI) and brand assets in **Figma**, optimizing for cross-platform responsiveness and user engagement.
- Developed full-stack features by refactoring backend logic, managing database schema migrations, and overseeing production deployments.

ASP.NET Developer — Oct 2024 – Mar 2025
YAR Tech Services — *Remote*
- Architected an internal **Admin Panel** and an automated **Payslip Generation system** using ASP.NET, C#.
- Collaborated on the full software development life cycle (SDLC), including system design, coding, and unit testing to ensure high-performance web functionality.
- Identified and resolved critical bugs and performance bottlenecks, improving overall application stability and user satisfaction.

PROJECTS

Tenexis | *Node.js, React, PostgreSQL, Docker, WhatsApp API, Cloudflare* | Link — Jan 2025 – Present
- Architected a fullstack marketplace platform facilitating C2C transactions and carpooling for a student ecosystem.
- Integrated WhatsApp API to automate real-time notifications for transaction alerts and user inquiries.
- Containerized application using Docker and optimized delivery through Cloudflare to ensure 99.9% availability.

Plexus Club (Design Head) | *Electron.js, React, Tailwind CSS, Figma* | Link — Nov 2024 – Apr 2025
- Directed the design department as **Design Head**, defining the UI/UX strategy and visual identity
- Engineered cross-platform desktop applications converting Figma wireframes into responsive React components.
- Optimized delivery cycles by automating deployment workflows via GitHub Actions.

JNTUH Notes & Scraper | *Python, BeautifulSoup, SQL, JavaScript* | Link — Nov 2024 – Apr 2025
- Developed a centralized academic portal for the CSE-AIML department, serving syllabus and course materials.
- Built a Python-based web scraper to automate student result extraction from the JNTUH portal, reducing manual lookup time.
- Implemented an SQL-based data management system to store and organize scraped academic records for tabular reporting.

TECHNICAL SKILLS

Languages: JavaScript, Python, C#, Java, SQL (Postgres), HTML/CSS
Frameworks: React, Reach Native, Node.js, ASP.NET, Next.js, Django, WebSockets, Electron.js
Developer Tools: Git, Docker, Figma, VS Code, Visual Studio, Postman, AWS, Adobe Creative Cloud, Microsoft Office, BLender, OBS Studio
Libraries: Prisma, Express.js, Tailwind, shadcn

CERTIFICATIONS

Full-Stack Web Development Bootcamp: Comprehensive MERN Stack training — Udemy | Verify
Machine Learning A-Z: AI, Python & R + ChatGPT [2025] — Udemy | Verify
Business Analytics & Data Mining: Modeling using R Part II — NPTEL | Verify