

Harsh R Bagtharia

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PROFILE

Computer Science Engineering student specializing in AI/ML with strong full-stack skills. Proficient in Python, JavaScript, ReactJS, Node.js, ASP.NET, TensorFlow; builds scalable, intuitive, intelligent solutions using Figma, Blender, Docker, AWS.

EDUCATION

Malla Reddy College of Engineering

Hyderabad, India

Bachelor of Technology in Computer Science and Engineering (AI and ML)

2022 – 2026

- CGPA: 8.55, among the top 10% of the cohort
- Relevant coursework: Data Science, Machine Learning, Deep Learning, Computer Vision, Data Structures, Software Engineering
- Scored 100% in Engineering Drawing
- Design Head, Plexus Club – led creative direction for events, branding, posters, website, and desktop applications

Sri Chaitanya Junior College, ECIL

Hyderabad, India

Intermediate Education (SSC)

2020 – 2022

- Scored 95.2%

Takshasila Public School

Hyderabad, India

Primary and Secondary Education (CBSE)

2007 – 2020

- Scored 100% in Mathematics
- Scored 81%

SKILLS

Technical: Java Script, Java, C#, Python ReactJS, Next.js, Node.js, Express.js, ASP.NET, Django, .NET Core, FastAPI, Firebase, WebSockets, PWAs, PostgreSQL, MySQL, MongoDB, OOP, DevOps, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, SciPy, Matplotlib, Seaborn, UI/UX Design, Interaction Design, Prototyping, Video Editing.

Tools: VS Code, Git, GitHub, Postman, Docker, Vercel, Netlify, AWS (Amplify, S3, CloudFront), Figma, Adobe Creative Cloud (Photoshop, Illustrator, After Effects, Premiere Pro), Blender, Jupyter Notebook, Google Colab, PyCharm, Anaconda, Chrome DevTools, ESLint, Prettier, Webpack, Vite, Babel, npm, Microsoft Office, OBS Studio

CERTIFICATIONS

- The Complete Full-Stack Web Development Bootcamp – Apr'24 ([link](#))
- Applied Data Science with Python Specialization by University of Michigan – Apr'25 ([link](#))

EXPERIENCE

YAR Tech Services

Remote

ASP.NET Developer

Oct 24 – Mar 25

- One Month Internship and 5 Months remote job as ASP.NET Development
- Developed Admin Panel and Pay slip Generator
- Involved in designing, coding, and testing web applications, collaborating with the team to implement features, fix bugs, and ensure smooth functionality.

Smart Minds Tutorials

Hyderabad, India

Tutor

May 24 – Jun 24

- Taught fundamentals of computer theory, IT concepts (Osmania University students)
- Taught Java programming (ICSE students), C language, MS Office, and typing practical.

- Focused on simplifying complex topics, conducting practical sessions, and guiding students to build foundational skills effectively.

PROJECTS

Tenexis

Jan 25 – Apr 25

- Platform for college students to buy, sell, and rent products.
- Includes student shops and carpooling features.
- **Tech Stack:** React, Node.js, PostgreSQL, Docker, WhatsApp API, Cloudflare.

Plexus Club

Nov 24 – Apr 25

- Designed the UI using Figma and developed the platform using React and Tailwind CSS, with the project hosted on GitHub.
- Built several desktop applications using Electron.js for managing events and competitions.

JNTUH Notes

Sep 23 – Mar 25

- A platform that stores all college syllabi and notes for the CSE AI & ML Department.
- Hosted entirely on GitHub.
- Developed a JNTUH Result Fetcher, a Python-based web scraper that retrieves student details from the official JNTUH portal, displays them in a tabular format, and integrates with an SQL database for storage and management.

Dynamic Wallpaper

Feb 24

- Created smart wallpapers for classroom digital boards that dynamically display information such as timetables, faculty names, and other relevant details based on the day and time.
- The wallpapers adapt seamlessly to provide real-time updates, enhancing the classroom experience.

ACHIEVEMENTS

- Design Head in Plexus Club, MRCE and Student Coordinator at NSS, MRCE.
- Scored 100% in Engineering Drawing at B.tech 1st Year.
- Scored 100% in Mathematics in 10th CBSE.