

CHHAVI DHANKHAR

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Education

Thapar Institute of Engineering and Technology

Oct. 2021 – Jun 2025

B.E. (Computer Engineering)

CGPA - 9.43

Technical Skills

Languages: C, C++, C#, Python, JavaScript, R Programming, HTML, CSS

Frameworks: .NET, Angular, React.js, Next.js, Tailwind CSS, Streamlit

Databases and Data Tools: MySQL, PostgreSQL, MongoDB, SQL Server (SSMS), Supabase, OracleDB

Tools and Platforms: Git/GitHub, Microsoft Azure, Azure Data Factory, Power BI, Excel, Visio

Experience

Providence India

Jan 2025 – Jun 2025

Software Development Engineer Intern

Hyderabad, Telangana

- Contributed to the integration of a time sheet tracking system using **Azure Data Factory** for **ETL processes** and **SSMS** for data storage and view creation, replacing SSIS-based workflows with a more centralized approach.
- Resolved 10+ user stories across **10 Agile sprint cycles**, improving team velocity by actively participating in daily stand-ups, sprint reviews, and retrospectives.
- Coordinated with **3+ cross-functional teams** to ensure business-aligned implementation of logic layers, significantly reducing ambiguity in **financial reporting**.
- Designed and executed **unit tests** and **data validation workflows** per sprint, integrating test coverage into GitHub check-ins to ensure code reliability and consistency.

Providence India

Jun 2024 – Aug 2024

Software Development Engineer Summer Intern

Hyderabad, Telangana

- Developed key features for a **multi-tabbed Resource Manager tool**, with a focus on the Analytics tab, delivering actionable insights that improved **operational decision-making**.
- Built the **front-end in Angular** and **backend using .NET (C#)**, integrating with **GraphQL APIs** and managing data operations through **SSMS**.
- Refactored the **UI** to improve usability and responsiveness, incorporating user feedback and accessibility best practices.

Projects

AI Interview Coach | *Python, Streamlit, Faster-Whisper, Gemini API, gTTS, SoundDevice*

- Identified interview anxiety as a common barrier and built a voice-based mock interview simulator app
- Used Gemini API to generate role-specific questions and real-time feedback; users can plug in their own API key reducing backend costs by 100%.
- Integrated Faster-Whisper and gTTS for real-time voice interaction, cutting input time and improving session engagement by 2x.
- Deployed a mobile-friendly Streamlit app, with zero-login on boarding and support for 3 difficulty levels.

Personal Portfolio Website | *Next.js, TypeScript, Tailwind CSS, MongoDB, Cloudinary*

- Built a personal portfolio website with structured sections for About, Projects, Blog, and Contact, featuring a fully responsive UI with 100% mobile and tablet compatibility.
- Dynamic backend with MongoDB/Mongoose for projects, blogs, and storing messages from the contact form.
- Embedded videos via Cloudinary, optimizing media delivery and improving load times by 30%.
- Implemented CI/CD pipeline using GitHub and Vercel reducing release time to under 1 min.

Amazon Books Dataset: Web Scraping | *Python, BeautifulSoup, Requests, Pandas*

- Collected and structured data on genres, sub-genres, book titles, authors, prices, and ratings from Amazon using web scraping techniques.
- Performed data cleaning and preprocessing with Pandas to ensure accuracy and usability for analysis.
- Achieved 20.4K views and 3.9K downloads on Kaggle, demonstrating community engagement and impact.
- Ensured usability and reproducibility by maintaining Kaggle usability score of 10.0 and releasing under MIT License.

Achievements

- Merit Scholarship recipient at TIET for academic excellence for 3 years (2022–2024).
- Campus Leader at UnsaidthTalks – Led a student team and published **50+ alumni interviews within 4 months**.
- Solved **100+ questions** on LeetCode, focusing on DSA and problem-solving.
- Volunteer at Pratigya Abhiyan and GirlUp (UN Foundation) – Supported education access and gender equality initiatives.