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#, Python, JavaScript, SQL
Backend & APIs: .NET, Node.js, Azure Functions
Frontend: Angular, React.js, Next.js, Tailwind CSS, Streamlit
Databases & Data: SQL Server (SSMS), PostgreSQL, MongoDB, Oracle Autonomous Database
Cloud & Platforms: Microsoft Azure, Oracle Analytics Cloud, Databricks, Supabase
Tools: Git/GitHub, Power BI

Experience

Providence India　　　　　　　　　　　　　　　　　　　　　　**Nov 2025 – Present**
Software Development Engineer (SDE-1) - Full-Time Conversion　　　　　*Hyderabad, Telangana*

- Supporting data warehousing and reporting workflows on the **Oracle FDI platform.**
- Developing an understanding of **business rules and reporting requirements**, and applying them while validating and preparing data.

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.

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
- 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 onboarding** 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%.
- Established **CI/CD pipeline** using GitHub and Vercel reducing release time to under 1 min.

Patient Appointment Portal | *Azure Functions, Azure SQL Database, Azure Blob Storage, Azure Static Web Apps*

- Developed backend APIs using **Azure Function Apps** and **Node.js** for managing patient records, appointments, and authentication.
- Configured **Azure SQL Server and Database** for secure storage and efficient retrieval of patient data.
- Integrated **Azure Blob Storage** for medical record uploads with SAS token-based secure access.
- Connected backend APIs with a React-based frontend deployed on **Azure Static Web Apps** ensuring seamless API integration and CORS handling.

Achievements

- **Merit Scholarship** recipient at TIET for academic excellence for **3 consecutive years (2022–2024).**
- Solved 100+ Data Structures and Algorithms problems on LeetCode.
- Led a student team to publish 50+ alumni interviews within 4 months.