

DARPAN KHATRI

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Education

Indian Institute of Information Technology, Gwalior
Bachelors of Technology in Information Technology

Nov 2022 – Expected May 2026
CGPA:7.27

Experience

Software Development Intern

Bullet Internet Services | AI Smart Tech | 40k+ Users

May 2025 – Current
Jodhpur, India; Remote

- Built a **smart app** that listens to **user conversations**, cuts **information overload by 40%**, and offers **actionable insights** like scheduling, reminders, and meeting suggestions.
- Achieved a **30%** increase in productivity through real-time **AI-driven suggestions** based on conversation context.
- Integrated **LangChain**, **Pinecone**, and **AssemblyAI** for real-time Hinglish transcription with **95% accuracy**.

Software Engineering Intern

SaralTech | Ecommerce | Homepage

May 2024 – Aug 2024
Bangalore, India; Remote

- Designed and refined a dynamic UI for a **course-selling platform**, elevating user engagement by **30%**.
- Optimized and deployed **10+ RESTful APIs** with Node.js & Express, facilitating seamless authentication, and payments.
- Diagnosed and **rectified 15+ critical bugs**, enhancing app stability and slashing crash rates by **25%**.
- Optimized database queries and API responses, **minimizing load times by 35%** and refining app efficiency.

Technical Skills

Languages : JavaScript, Java, Dart, Python

Frameworks and Libraries : SpringBoot, Flutter, Node.js, Express.js,

Databases : MongoDB, PostgreSQL, SQL

Other Technologies : Firebase, Docker, REST API, AWS, Git

Projects

CollabAI - AI-Powered Collaborative Editor | *Flutter, Web Sockets, MongoDB, Node.js, Google Cloud*

Dec 2024

- CollabAI – Built with Node.js, and WebSockets, enabling **real-time multi-user collaboration** with seamless conflict resolution.
- Features **LLM-powered text suggestions**, AI-assisted summarization, and **smart auto-completion** for enhanced productivity.
- Implements **WebSocket-based synchronization** for seamless **multi-user editing** with minimal latency.

EduTrack – Course Management System | *Spring Boot, REST APIs,, Docker, JWT Authentication,*

Jun 2024

- Developed a **Spring Boot-based course management system** with RESTful APIs for authentication, course creation, and enrollment.
- Integrated Spring Security with **JWT for robust authentication** and used MySQL for efficient data persistence.
- Optimized API performance, reducing response time by **40%** and scaling to support over **1,000 concurrent users**.

MapIt - Location Based Reminder App | *Flutter, Android, Firebase, Isolates, Data Structure, Node.js*

May 2024

- Developed a **location-based reminder app** that allows users to create notes with **geotagging** and receive **context-aware notifications**.
- Integrated **Google Maps API** for interactive location tagging and **autocomplete search**.
- Leveraged **Firebase Authentication** and **MongoDB** for seamless real-time data synchronization.

Achievements / Positions of Responsibility

- Secured global rank **5915** in Codeforces Round 917 (Div. 2).
- Secured global rank **2135** in Leetcode Biweekly Contest 157.
- Mentored **10+ students** within the institute in Backend and App Development, providing hands-on guidance.
- Proficient in Data Structures & Algorithms by solving **800+ DSA problems** across Leetcode, Codeforces, ranking in the **top 1%**.