

MAYANK AGGARWAL

Undergraduate at Thapar Institute of Engineering and Technology

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Experience

Xebia **June 2024 – July 2024**
Full Stack Developer Intern *Remote*

- Developed a **Full Stack Banking application** using **MERN Stack**, featuring customer data management with schema validation, secure authentication (via email and OTP), and seamless submission of personal details.
- Designed and implemented user-friendly features including user registration, login system, password recovery, document verification process, and interactive dashboard with downloadable account statements.
- Created and tested **RESTful APIs** using **Postman** for robust customer data management, user authentication, and financial operations.
- Utilized **Docker** for application containerization, creating a Dockerfile and implementing docker-compose for efficient deployment and scalability.

Projects

ANTI CORRUPTO | Decentralized Anti Corruption Platform | Demo **January 2024 - Present**

- Developed a **decentralized automated fine system** with mobile app and website for traffic and speeding violations
- Implemented a **blockchain-based Real Estate platform** with ML model for **fraud detection** and **tax evasion prevention**
- Designed a transparent blockchain ledger government tenders, fund allocation, and reporting of corruption
- **Tech Stack:** React.js, PostgreSQL, Express.js, Solidity, Ether.js, OpenCV, ML models

GetPlaced | Campus Placement Management Portal | Try **February 2023 - May 2023**

- Developed a **platform** where companies can offer **internship opportunities** to institute's candidates
- **Enabled staff** to handle **company accounts**, upload results, and manage users. **Students** can apply for internships, view results, and access **chat support** from staff
- **Tech Stack:** Django, Twilio, Ajax, Python, HTML, CSS, JavaScript, SQLite

TEST-INN | Comprehensive Quiz and Assessment Management Portal **October 2023 - November 2023**

- Developed an **all-in-one portal** for seamless quizzing, allowing educators to create **assessments** with ease
- Provided features such as question banks, grading systems, and exporting of student performance, ensuring an engaging and efficient test management experience.
- **Tech Stack:** Javascript, Node.js, React.js, Express.js ,csvtojson, Multer, Axios, JWT, MongoDB

Technical Skills

Languages: Python, C, CPP, JavaScript, SQL

Frameworks: React.js, Express.js, Next.js, Django

Cloud: Azure Container registry, Azure Container Instance, Azure Web-App, pythonanywhere, Github Pages, AWS EC2, AWS Lambda, Render, Vercel

Other Skills: Blockchain, Docker, MongoDB, Github, Prisma

Achievements

- More than **500K views** on my blogging website (**Blogsbymayank**)
- Winner of Wemake devs **Blogging Challenge** in October 2023
- Project AntiCorrupto got selected for **GSSOC'24, VSOC'24**
- Led team to win **1st place at IIC TIET's Project to Product Journey** competition with an innovative capstone idea
- Ranked 7th out of approximately 900 college students in InterviewBit.

Education

Thapar Institute of Engineering and Technology **July 2021 – May 2025**
Bachelor of Engineering in Computer Engineering, CGPA - 7.32 *Patiala, Punjab*

Profiles

- **Blogs:** [blogsbymayank](#)
- **Portfolio:** [mayank.tech](#)
- **Leetcode:** [mayank-0407](#)
- **GFG:** [mayank-0407](#)