

Aanya Jain

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Education

The LNM Institute of Information Technology (LNMIIT) 2021 – 2025
Bachelor of Technology, Computer Science CGPA: 8.04
Relevant Courses: Data Structures and Algorithms, Databases, Design Principles, Operating Systems, System Design

Work Experience

Software Engineer, Microsoft July'24 – Present
Bangalore, India

- Working in the **Power Pages** team under the Power Platform division, which enables building low-code/no-code websites for enterprise customers.
- Contributing to the development of **"One Workspace"**, a GenAI-powered platform aimed at streamlining the creation of external apps and mobile applications.
- Collaborating cross-functionally to enhance tooling that leverages AI to boost developer productivity and accelerate app deployment.

Software Engineering Intern, Microsoft May'24 – July'24
Bangalore, India

- Worked in the Power Pages team. Developed a feature in the Power Platform Admin Center (PPAC) that enables users to generate and **bind SSL certificates directly**, eliminating the need to purchase them from third-party domain providers.
- The Add Microsoft Managed Certificate feature uses Azure Active Directory tokens for authentication and authorization identity management. Developed an orchestration that queues tasks into the job runner.
- Technologies:** Azure Functions, React.js, TypeScript, Azure Data Storage, C#, .NET.

Projects

E-Learning Platform — [GitHub Link](#) — [Live Link](#) May'24 – July'24

- Developed a platform for sharing course materials, live discussions, and collaboration, supporting **100+ users** with a **90% engagement rate**.
- Integrated **JWT authentication** for secure access and **Socket.IO** for real-time chat, improving collaboration speed by 50%.
- Technologies:** MERN Stack, JWT, Socket.IO.

DronaAI — [GitHub Link](#) — [Live Link](#) Nov'24 - Dec'24

- Built an AI-driven platform with tailored learning paths, quizzes, and mentorship using modular multi-agent system.
- Integrated **CourseGeneration**, **ContentCuration**, and **Assessment** agents powered by LLMs and LangChain pipelines.
- Implemented **RAG-based retrieval** (Vertex AI / Pinecone) for context-aware explanations and adaptive content.
- Deployed a scalable backend with Next.js, React, Prisma ORM, and MySQL on GCP, orchestrated via Docker and GitHub Actions.
- Technologies:** React.js, Bootstrap, Node.js, Express.js, MySQL.

Technologies

Programming Languages: C++, C#, HTML, CSS, JavaScript
Frameworks: ASP.NET Core, React.js, Node.js, Express.js
Cloud & Databases: Azure (Event Hubs, Data Storage, Functions), MySQL, MongoDB, Prisma ORM
Development Practices: Microservices, RESTful APIs, CI/CD Pipelines

Achievements

- Stood **4th** in the world's largest Web3 hackathon, Colosseum Breakout (DePIN Track) – Awarded USD 10,000.
- Winner of **Reckon 6.0 Hackathon**, Jodhpur – Awarded INR 50,000.

Position of Responsibilities

- PAN India President, BloodConnect Foundation(NGO):** Leading a youth-run organization, collaborating with corporates like HDFC Ergo, VFS Global, IDFC First Bank, Policy Bazaar, ICICI, Anarock, DP World, PNB MetLife and others to organize blood donation camps across their PAN India offices.