

Ayush Goyal

+1-347-293-2620 | ayushg1214@gmail.com | ayushgoyal.dev | [LinkedIn](#) | [GitHub](#)

EDUCATION

Delhi Technological University (Formerly DCE)

B.Tech. Information Technology, CGPA: 9.09

2019 - 2023

New Delhi, India

EXPERIENCE

aion

Senior Software Engineer

March 2025 – Present

Bangalore, India / London, UK

- Designed and implemented a large-scale **HPC AI cloud** spanning **H100, H200 and B200 GPUs** with production-grade **identity, billing, telemetry**, and reliability primitives.
- Laid the technical and organizational foundations across **product, platform engineering**, and **GTM**, while supporting early **investor relations** and technical diligence.
- Partnered with sales and leadership to close **\$30M+** in enterprise sales in 3 months.

Microsoft

Software Engineer

Aug 2023 – Apr 2025

Hyderabad, India

- Building new **AI** and **CoPilot** experiences in **OneNote** and the new **Sticky Notes** app; **2.5M+** new MAU.
- Used **React, React Native, Python** and **C++** across OneNote Windows, Web apps and **Notes plugin**.
- Handled critical **security updates** for **USB drivers** and **Remote Desktop** for all in-market Windows flavours; published **CVE-2024-21340**.

Nimbus (YC W22)

Software Engineer

July 2022 – March 2023

San Francisco, CA, US

- Built **Remote Cloud Dev Environments** using **GoLang, GraphQL** and **AWS**, which can be fully **self-hosted** and support **elastic** environments.
- Integrated **SSO, Audit Logs, Terraform Provider** and advanced **infrastructure logging** capabilities.
- Built IDE integrations for **VS Code** and **JetBrains**.
- Built **CLI** tool for managing dev infra and templates, provide **remote sync integration**, and support **private networking** with **ACL**.

Microsoft

Software Engineer Intern

May 2022 – July 2022

Hyderabad, India

- Added support for **Device Policy Management** to allow customers to discover, repair, and manage their device connected to their account; led to an annual savings opportunity of **\$4.5M** and **improved CSAT** ratings.
- Used **C#** to integrate with several **microservices**, achieving **>80% code coverage** within the specified **SLA**.

Pabio (YC S21)

JavaScript Engineer

Apr 2021 – Apr 2022

Bern, Switzerland

- Built and maintained the **user-facing website** and **internal platform** using **NextJS** and **TypeScript**.
- Created **API** endpoints in **NestJS** and used **Prisma** as an ORM to add new functionalities.
- Created a **monorepo** using **Rush**, integrating all the packages along with **auto-generated types, documentation** and **parallel builds**; Built end-to-end **DevOps** practice on **AWS**.

PROJECTS

Isosceles AI

- Designed and developed an **AI Agent Developer Platform** using **Python, NextJS** and **TypeScript** to allow developers to build, deploy and consume **agents** quickly. **Private beta** with a few SMBs.
- Built an **Optimised RAG pipeline** using **ChromaDB** which can handle **any document file format, multi-modal** content. or connect to **external data sources** like SharePoint, Google Workspace, etc.
- Agentic tool-calling** with support to connect to multiple **external APIs** and **SDKs** to perform user actions.

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, TypeScript, Go

Web Development: React, NextJS, Express, Flask, HTML, CSS, PostgreSQL, MongoDB

Infra & Dev Tools: Git, Docker, Bash, AWS, GCP, Terraform, CI/CD