

Ayush Mehrotra

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Summary

Full-stack Software Engineer with **1+ year of experience** building scalable SaaS and AI-powered products. Experienced in **React, Next.js, Nest.js**, and cloud-native development using **Linux, AWS and Docker**. Strong focus on performance optimization, authentication systems, and clean backend architecture.

Skills

Languages: JavaScript, TypeScript, Python, SQL

Frameworks & Tools: AWS, EC2, S3, Docker, React, Next.js, Nest.js, Node.js, Express, MongoDB, PostgreSQL, Keycloak, TailwindCSS, REST APIs

Work Experience

Space AI

Jul 2025 – Nov 2025

Software Engineer

- Improved email processing performance for an AI-powered email client, reducing response latency by **32%** for daily active users.
- Led the end-to-end development of a multi-tenant analytics dashboard used by **40+ client teams**, improving lead tracking accuracy and reducing manual follow-ups by **45%**.
- Implemented **Keycloak-based SSO** across **2 SaaS platforms**, cutting authentication-related support tickets by **60%**.
- Fixed production-critical issues affecting session handling and API reliability, reducing downtime incidents by **35%**.
- React.js, TypeScript, Nest.js, Next.js, TypeORM, Keycloak

CodeTikki

Sep 2024 – Oct 2024

Software Engineer Intern

- Designed WhatsApp notification plugin with scheduling support, increasing client re-engagement rates by **28%**.
- Built Facebook chat integration enabling real-time Q&A for business pages, reducing response time by **50%**.
- Developed an internal admin dashboard managing **150+ employee records**, replacing manual spreadsheet workflows.
- MERN Stack, TypeScript, REST APIs, Facebook API, PostgreSQL

Education

Maa Shakuntala Mau

Aug 2024 - Jul 2027

CGPA: 7.76/10

B.Sc. in Computer Science

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing

Project Work

- Invid.AI – AI YouTube Creator Suite:** Built a subscription-based SaaS platform for creators, supporting **Free, Pro, and Enterprise** plans. Integrated **60+ AI voices across 20+ languages**, enabling automated voiceovers and metadata updates via YouTube OAuth. Reduced average video setup time by **55%** for active users. Next.js, FastAPI, MongoDB, Google APIs, Murf.ai
- Spidy UI – Component Library:** Created a reusable UI component system with **50+ accessible components**. Implemented global search and live previews, reducing UI development time by **40%** across projects. Next.js, Shadcn/UI, TailwindCSS, Express

Awards and Certificates

- Solved **200+ DSA problems** across LeetCode, GeeksforGeeks, and HackerRank.
- Deloitte Data Analyst Job Simulation – Forage.
- Web Development Bootcamp – Angela Yu.
- Lyft Backend Engineering Job Simulation – Forage.
- Runner-up, **Hacktoberfest Hackathon 2024**.