

SURAJ SINGH

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Experience

Gigin.Ai

Oct 2024 — Present

Software Engineer - III

Bangalore, India

- **Built an enterprise client and internal-use tool to assist in hiring-related processes**, including resume and candidate information management—**improving efficiency across the operations team.**
- **Architected and implemented the Subscription and Credits Payment module** (end-to-end ownership) for Gigin's agentic hiring service.
- **Architected and implemented the KYC (Know Your Customer) verification module** (end-to-end ownership) for Gigin's AI-powered online hiring platform.
- Set up, managed, and maintained multiple comprehensive development and production environments, **boosting cycle times and throughput across development and testing teams by 20%.**

CosX.Ai

Jun 2024 — Oct 2024

Software Engineer

Bangalore, India

- **Built Next.js frontend applications with integrated authentication and authorization** using NextAuth and OAuth2.
- **Built Spring Boot and Nest.js backend applications ranging from internal-use tools to product marketplaces** for companies of varying scale.
- Set up, managed, and maintained multiple development environments across frontend, backend, and infrastructure — including NGINX/Apache, databases (SQL and NoSQL), Redis cache, proxy servers, AWS services (SNS/SQS, EventBridge, S3), and CI/CD pipelines using CircleCI and Docker—**leading to faster development cycles and improved team throughput.**

Freelance Team

Aug 2022 — May 2024

Full-stack Developer

Bangalore, India

- **Developed responsive Next.js applications with secure user authentication and authorization** features using NextAuth and OAuth2 protocols.
- **Designed and developed backend services using Spring Boot and NestJS** for internal tooling and B2C platforms.
- Optimized database queries using JPA (Hibernate) and TypeORM, reducing **average response times by up to 30%.**

Microsoft

Jul 2020 — Mar 2022

Software Developer

Bangalore, India

- **Built and delivered the Text-to-Speech feature for Microsoft Word (Android)**, improving accessibility for 10M+ users across global markets.
- **Built a text auto-complete feature for Microsoft Word (Android)** with full integration into the app's editor flow—now used by 10M+ users.
- Tested features, found and fixed bugs for Microsoft Word on Android. Wrote automation scripts to detect and resolve bugs, and to validate newly added features.
- **Built a proof-of-concept (POC) Text-to-Speech model** and integrated it into the mobile version of Microsoft Word (Android).

Education

IIIT Bangalore

Bangalore, India

B.Tech - Computer Science, M.Tech - Computer Science

August 2015 – July 2020

Technical Skills

Python, Java, C, HTML/CSS, Node, JavaScript, PostgreSQL, MongoDB, AWS, Docker, React, Next, Nest, ElasticSearch, SprintBoot, Temporal