

Amar Jaiswal

Senior Software Engineer

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About Me

Senior Software Engineer with 4.6+ years of experience working on scalable architectures, microservices, and B2B SAAS products, seeking to use my knowledge and skills in a challenging environment.

Technical Skills

Programming Languages: Python, JAVA, Javascript, C#, Typescript, GoLang.

Frameworks & Technologies: Django REST, MongoDB, AWS Lambda Functions, FastAPI, Vector Databases, GenAI, LLMs, RAG, Celery, RabbitMQ, Redis, Kafka, Azure Eventhubs, Pub-Sub, MVC, Springboot, Hibernate, Bootstrap, HTML & CSS.

Architecture: System Design, Data Structures and Algorithms, Microservices, Distributed Systems, Multi-Tenant Architectures, Event-Driven Architectures, Monoliths, MVC, Database Design, OOPs, REST, SOLID, CI/CD, Git, Linux, Prompt Engineering.

Cloud/Deployment: Jenkins, Docker, Hands-on experience on AWS, Azure, and GCP.

Work Experience • 4 Years 8 Months

Certa (certa.ai) • 1 Year 2 Months

Senior Backend Engineer

Feb 2023 - Present

- Driving backend engineering for AI Initiatives in the product using GenAI, LLMs, RAG and LLM Agent framework.
- Designed and developed an AI configuration designer to design workflows using NLP, reducing **TTV by ~70%**.

CAW Studios Pvt Ltd (cawstudios.com) • 3 Years 6 Months

Senior Backend Engineer

April 2022 - January 2023

- Optimized AWS cloud account syncing microservice for clouddefense.ai **reducing cloud account syncing time by 75%**.
- Developed scalable data pipelines to scrape CVE data from multiple sources for clouddefense [blog](#)
- Led a team of **4 BE Engineers and 4 FE Engineers** at interakt.shop and delivered multiple product features.
- Scaled the Whatsapp Notification Delivery service by **50x times** to send notifications at **50 TPS per tenant**.
- Redesigned messaging service from monolith to serverless using pub-sub architecture to support **50x scale**.
- **Interviewed 60+ candidates** to hire new talent.
- **Trained and mentored** associates with SDLC and best coding practices.

Software Development Engineer II

April 2020 - March 2022

- Worked as a Backend Engineer for B2B SAAS product interakt.shop. Designed, developed, and maintained the product's multiple features, core modules, and different microservices.
- Continuously evolved the product's architecture and improved the performance of the APIs.
- Scaled the product with a team of 10+ engineers **from MVP stage to Enterprise level (0 to 3000+ paying customers)**.

Software Development Engineer

August 2019 - March 2020

- Integration Engineer at haptik.ai. built chatbots & integrated third-party chat applications into the product.
 - Developed an OCR Template Reader that can extract structured information from hand-clicked documents and achieved more than **90% accuracy** in extracting correct Information from PDFs/Images. Documents included passports & Insurance claims.
 - Developed a **Real-Time Automated Email Processing Interface** using NLP APIs.
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Education

B.Tech in Computer Science & Engineering

August 2015 - July 2019

Dr. APJ Abdul Kalam Technical University (SRGI, Jhansi)
