AMAR JAISWAL

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ABOUT ME

Senior Software Engineer with 4.8+ years of experience building scalable architectures, microservices, and B2B SAAS products, seeking to use my knowledge and skills in a challenging environment.

SKILLS

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

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

Technical Skills: 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.

PROFESSIONAL EXPERIENCE

Certa (certa.ai) • 1 Year 2 Months

Senior Backend Engineer   **Feb 2023 - Present**

- Engineered and implemented an NLP-based Configuration Designer Assistant, slashing Solution TAT by 40% and achieving a 25% increase in the project completion rate.
- This assistant played a key role in raising Series B funding of $35 million for the product.

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%.
- Built ETL data pipelines to scrape CVE data at scale from different vulnerability sources for clouddefense **blog**
- Led a team of 4 BE Engineers and 4 FE Engineers at **interakt.shop** and delivered key 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 to increase their productivity by 35%

Software Development Engineer II   **April 2020 - March 2022**

- Designed, architected, and owned **interakt.shop**'s core modules and microservices growing the product to generate monthly recurring revenue of up to ₹5 million.
- Continuously evolved the product's architecture and improved the performance of the APIs to save costs by 20%.
- 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**

- Built chatbots & integrated third-party chat applications for **haptik.ai** which helped customers automate more than 50% of customer queries increasing ROI and boosting agent productivity.
- Developed an OCR Template Reader to extract structured data from passports and insurance claims, achieving over 90% accuracy in information extraction from PDFs and images.
- Created a Real-Time Automated Email Processing Interface using NLP APIs that resolved customer queries 10X faster.

EDUCATION

B.Tech in Computer Science & Engineering   **August 2015 - July 2019**

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