

# Saimani Singirikonda

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## EDUCATION

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**Lovely Professional University**  
*Bachelor of Technology in Computer Science and Engineering*

Jalandhar, Punjab  
Aug. 2020 – May 2024

## EXPERIENCE

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**Software Engineer** Sept 2024 – Present  
*Capgemini Technology Services Pvt. Ltd.* Bangalore, India

- Built and maintained scalable backend microservices using Java and Spring Boot; integrated third-party REST APIs and managed SQL and BigQuery databases across distributed systems on GCP.
- Collaborated with cross-functional and client-side teams in Agile/Scrum environments to translate business requirements into technical specifications and deliver features on time via Jira and Slack.
- Resolved critical production incidents across international retail platforms using Splunk log analysis and BigQuery data validation; documented findings and proposed system improvements to reduce recurrence.
- Monitored containerized microservice deployments on OpenShift; tracked performance, verified rollouts, and ensured compliance with service standards in production environments.

## PROJECTS

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**Job Analyzer – AI Resume Matcher** | *Python, OpenAI GPT, AWS* May 2026

- Developed and implemented an AI-powered application integrating LLM-based analysis (GPT-4 via ChatGPT) and AWS NLP services (Comprehend) to optimize resume-to-job matching — directly improving hiring process efficiency.
- Built serverless Python REST API using AWS Lambda and API Gateway; used Amazon Textract (OCR) to extract text from PDFs and Comprehend (NLP) to classify skills and entities automatically.
- Identified and resolved AI model edge cases including entity misclassification and skill misextraction; monitored output quality and made iterative adjustments to improve accuracy — demonstrating AI performance evaluation skills.
- Integrated 5 AWS cloud services end to end; actively used Claude (Anthropic), ChatGPT (GPT-4), GitHub Copilot and Cursor AI to accelerate development and stay current with emerging AI tools.

**IKEA Growth & Planning** | *Java, Spring Boot, GCP, BigQuery, ServiceNow, SQL* Jan 2026 – Present

- Resolved product visibility issues across search, listing, and product detail pages by validating API responses, metadata, pricing, and stock indicators to ensure a consistent customer experience.
- Managed functional incidents via ServiceNow through thorough root-cause investigation, cross-environment data validation, and coordination with business and content teams.
- Utilized BigQuery on GCP to query large-scale datasets, identify data mismatches, and verify backend records against live website output, significantly reducing recurring incidents.
- Validated stock signals, delivery options, item attributes, and region-specific business rules across multiple international markets to support reliable e-commerce operations.

**IKEA SLF Selling API** | *Java, Spring Boot, REST, SQL, OpenShift, Splunk, Jira* March 2025 – Dec 2025

- Developed and maintained RESTful microservices for a large-scale retail backend, designing APIs for product retrieval with a strong focus on scalability, fault tolerance, and long-term maintainability.
- Implemented a context-aware field validation mechanism through a custom provider class, ensuring correct API behavior under partial service loads and edge-case conditions.
- Diagnosed and resolved critical production incidents by analyzing Splunk logs, validating service behavior across environments, and coordinating effective mitigation strategies with client teams.
- Monitored containerized deployments on OpenShift by tracking pod health, verifying rollouts, and troubleshooting microservice failures in production environments.

## TECHNICAL SKILLS

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**Languages:** Java, Python, JavaScript, SQL, HTML/CSS

**AI & LLM Tools:** OpenAI GPT-3.5 & GPT-4, Anthropic Claude, LLAMA 2, Devin AI, Windsurf, Cursor AI, Google Gemini, Antigravity AI

**AI Services:** Amazon Textract (OCR), Amazon Comprehend (NLP), Azure Cognitive Services

**Backend & Frameworks:** Spring Boot, Microservices, REST APIs, Spring Cloud, OAuth 2.0, Swagger

**Cloud & DevOps:** AWS (S3, Lambda, API Gateway, Textract, Comprehend), GCP (BigQuery), OpenShift, Git

**Monitoring & Tools:** Splunk, ServiceNow, JIRA, Postman, IntelliJ IDEA, VS Code

**Certifications:** Microsoft Azure AI Fundamentals (AI-900)