

Avaneesh Khandekar

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SUMMARY

Product driven software engineer with 4+ years of experience building secure, high-performance systems. Skilled in cloud, distributed systems, and AI solutions, focusing on efficient architecture, clean code, and automation.

EDUCATION

- University of Florida** Gainesville, Florida
 - Master of Science (M.S.) in Computer Science (GPA: 3.96/ 4.00)* August 2023 – May 2025
- University of Pune** Pune, India
 - Bachelor of Engineering (B.E.) in Computer Engineering (GPA: 8.78/ 10.00)* August 2016 – May 2020

EXPERIENCE

- Software Engineer** Miami, Florida
 - Kaseya* May 2025 – present
 - Designed a tamper-proof product upvoting system with Firestore, Express.js, Google Cloud Functions, and React, enabling user-driven prioritization to shape product roadmaps.
 - Engineered advanced multi-accessor typeahead events filtering, featuring dynamically updated option counts across 35M+ daily security events, reducing MSP triage time by 30% and improving customer resolution rates.
 - Built auto-upgrade functionality for app connections with seamless token refresh, improving session reliability and reducing authentication-related support tickets by 25%.
 - Expanded security event tracking and notifications to 100% of critical user actions, strengthening compliance and safeguarding 5M+ end users.
- Software Engineer Intern** Jacksonville, Florida
 - Citizens Property Insurance Corporation* June 2024 – August 2024
 - Prototyped a RAG-based conversational AI chatbot using LangChain and OpenAI GPT API to deliver 95% accurate real-time financial insights by automating natural language-to-SQL conversion and transformation of raw financial data on Azure, cutting processing time by 50%.
- Systems Engineer Full Stack** Pune, India
 - Tata Consultancy Services* August 2020 – June 2023
 - Automated real-time and scheduled investor appointment reminders using a serverless, event-driven AWS architecture (Lambda, SQS, SNS), reducing missed appointments by 80% and boosting engagement.
 - Migrated monolith web services to RESTful Java Spring Boot microservices on AWS ECS with DynamoDB, increasing scalability by 60% and enabling future product growth.
 - Developed a modern, responsive Angular/Node.js/TypeScript Investor Profile App, reducing page load times by 40% and improving advisor workflow.
 - Implemented multi-region cloud disaster recovery to ensure 99.99% uptime and system reliability.
 - Created a customizable PII masking library for JSON logs, improving data security compliance and enabling faster, audit-ready releases and reducing development time by about 20%.
 - Mentored and trained team members in Python, Java, AWS, Angular, and Agile, improving team proficiency.

TECHNICAL SKILLS

Languages: Python, TypeScript, Go, Java, SQL.

Frameworks: React, Express, Node.js, Angular, Spring Boot, Flask, Langchain.

Databases & Caching: Firestore, PostgreSQL, DynamoDB, MongoDB, Redis, ElasticSearch.

DevOps & Tools: Git, Docker, GitLab, Swagger, Jira, Splunk, Datadog, Bamboo.

Cloud: AWS (certified), FireBase (Google Cloud Platform), Azure.

PROJECTS

- Unibazaar** Go, React, MongoDB, PostgreSQL, AWS
 - Developed a hyper-localized university marketplace app enabling students to buy, sell, and trade second-hand items, replacing disorganized chat transactions.
- Text Redactor** Python, NLP
 - Built a text and concept redaction tool using SpaCy NER, regex, and NLTK WordNet (WUP score), achieving 93% accuracy while processing 3000+ files and 500+ words per minute.
- Customer Churn Prediction** Python, Machine Learning
 - Created churn prediction models on IBM Telecom data with up to 80% accuracy, enhancing retention insights.