

Avaneesh Khandekar

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SUMMARY

Product-driven software engineer with 3+ years of experience building scalable, reliable systems. Skilled in cloud, distributed systems, and AI solutions. Focused on scalable architecture, clean code, and building impactful products.


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

- Kaseya** Miami, Florida
• *Software Engineer* May 2025 – present
 - Built 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 filtering in React Table, reducing triage time by 30% for MSP support agents and improving customer issue resolution rates.
 - Enhanced alerts pub-sub system by extending Express.js subscription APIs to support customizable webhook delivery, reducing redundant alerts by an average of 35% and improving partner experience.
- Citizens Property Insurance Corporation** Jacksonville, Florida
• *Information Technology Intern* June 2024 – August 2024
 - Developed a RAG-based conversational AI chatbot using LangChain and the OpenAI GPT API, delivering real-time financial and budget insights with 95% accuracy.
 - Automated cleaning and transformation of raw financial data to SQL, reducing processing time by 50%, and designed a Streamlit UI hosted on Azure to improve accessibility.
- Tata Consultancy Services Ltd.** Pune, India
• *Systems Engineer (Full Stack Developer for the Vanguard Group)* 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.
 - Built a modern, responsive Angular/Node.js/TypeScript Investor Profile Application, 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.

TECHNICAL SKILLS

Languages: TypeScript, Python, Go, Java, JavaScript, HTML, CSS.
Frameworks: React, Express, Node.js, Angular, Spring Boot, Flask, TailwindCSS, Streamlit, Langchain.
Databases & Caching: Firestore, PostgreSQL, DynamoDB, MongoDB, SQL, SQLite, Redis, ElasticSearch.
DevOps & Tools: Git, Docker, GitLab, Swagger, Jira, Cypress, Cucumber, Splunk, PagerDuty, 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 redaction tool using SpaCy NER, regex, and NLTK WordNet to remove concept-related sentences via WUP score analysis.
- Customer Churn Prediction**  Python, Machine Learning
 - Built predictive churn models with IBM's Telecom Data to identify churn stages and provide retention metrics.