Avaneesh Khandekar

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SUMMARY

Full-stack software engineer with 3+ years of experience building scalable, reliable, and efficient systems. Proficient in cloud technologies and AI, designing cost-optimized and intelligent solutions.

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 Firestore transaction-based upvoting system for upcoming products, ensuring secure, tamper-proof prioritization for the product team and empowering data-driven decisions for the product roadmap.
  - 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 subscription APIs to let MSP partners customize webhook outage notifications, cutting unnecessary email alerts by 40% and improving partner satisfaction.

- **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 via a serverless, event-driven notification system using AWS Lambda, SQS, and SNS, reducing missed appointments by 80% and boosting engagement.
  - Migrated legacy financial systems by building RESTful microservices in Java Spring Boot, deployed on AWS ECS with DynamoDB, boosting platform scalability by 60% and supporting future product growth.
  - Developed an Angular app with Node.js and TypeScript for the Internal Investor Profile Application, reducing page load times by 40% and modernizing the user experience for investment advisors.
  - Streamlined advisor services by creating a real-time ETL pipeline integrating mainframe tasks into MS Dynamics CRM, modernizing workflow management for faster, more accurate operations.
  - Implemented multi-region cloud contingency for disaster recovery and resiliency, ensuring uptime of 99.99%.
  - Developed a powerful custom PII masking library for JSON logs, significantly enhancing data security compliance and accelerating development by 3 story points.

TECHNICAL SKILLS

**Languages**: TypeScript, Python, Go, Java, JavaScript, HTML, CSS.
Frameworks: React, Express, Node.js, TailwindCSS, Angular, Spring Boot, Streamlit, Langchain, Flask.
Databases & Caching: FireBase, MongoDB, PostgreSQL, SQL, SQLite, DynamoDB, Redis.
DevOps & Tools: Git, GitLab, Docker, Swagger, Jira, Bamboo, Splunk, PagerDuty, Cucumber, Cypress.
Cloud: AWS (certified ↗), Google Cloud Platform, Azure.

PROJECTS

- **Unibazaar** ↗   Go, React, MongoDB, PostgreSQL, AWS
  - Built a hyper-localized university marketplace app enabling students to buy, sell, and trade second-hand items, replacing disorganized chat transactions.
- **Text Redactor** ↗   Python, NLP
  - Developed a text redaction script 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, raise awareness, and provide retention metrics.