

# 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 using a serverless, event-driven AWS architecture (Lambda, SQS, SNS), reducing missed appointments by 80% and boosting engagement.
    - Migrated legacy financial systems to RESTful Java Spring Boot microservices on AWS ECS with DynamoDB, increasing scalability by 60% and enabling future product growth.
    - Developed a modern Angular/Node.js/TypeScript Internal Investor Profile Application, reducing page load times by 40% and enhancing the advisor user experience.
    - Implemented multi-region cloud disaster recovery and a custom PII masking library for JSON logs, ensuring 99.99% uptime and significantly strengthening data security compliance.

## 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.