Avaneesh Khandekar

Email: avaneesh.khandekar@gmail.com   Phone: +1 352 721 4516
Linkedin: linkedin.com/in/avaneesh-khandekar   Website: avaneeshk.vercel.app

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*
  - Engineered advanced typeahead event filtering with server-side search and pagination using Elasticsearch and virtualization in React, featuring live result counts across 35M+ daily events, reducing MSP triage time by 30%.
  - Integrated enterprise security platforms like Bitdefender, DNSFilter and Sophos into K SIEM, enabling ingestion and normalization of external threat data for near real-time alert generation.
  - Expanded security event tracking and notifications to 100% of critical user actions, strengthening compliance and safeguarding 5M+ end users.
  - Designed a tamper-proof product upvoting system with Firestore, Express.js, Google Cloud Functions, and React, enabling user-driven prioritization to shape product roadmaps.

- **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*
  - Architected a real-time and scheduled investor appointment reminders using serverless, event-driven AWS architecture (Lambda, SQS, SNS), reducing missed appointments by 80%, boosting customer engagement.
  - Migrated legacy 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.
  - Built a configurable PII-masking and log-sanitization framework for JSON-based systems, strengthening data security compliance and reducing audit and release effort by 20%.
  - Mentored and trained team members in Python, Java, AWS, Angular, and Agile, improving team proficiency.

TECHNICAL SKILLS

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