

# ROHITH DANTI

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## EDUCATION

**Arizona State University** | *Master's in Computer Science (GPA: 4.0/4.0)*

**Aug 2023 - May 2025**

**Coursework:** Software Design Principles, Algorithms, Foundations of Cloud Infrastructure, Software Validation, Database Management Systems, Python Programming, Object-Oriented Programming, Data Structures.

## EXPERIENCE

### **Bottlely.io**

**Sept 2025 – Present**

*Full Stack Engineer*

*San Francisco, CA, USA*

- Architected a chat driven AI order and inventory platform with Flask, Next.js, TypeScript, Supabase, and Google Sheets API, replacing manual logging and delivering 95%+ NLP accuracy with an 80% reduction in effort.
- Engineered a Retrieval Augmented Generation pipeline with spell tolerant brand normalization and shorthand expansion, interpreting bartender inputs across 100+ spirits with high precision.
- Delivered real time chat using Flask SocketIO and Redis with multi room concurrency, sub 200 ms response latency, and 99.9% availability.
- Scaled a Flask microservices backend with blueprint routing, async IO, and AI inference to sustain 1,000+ concurrent requests while keeping responses under 500 ms and uptime at 99.5%.
- Led the Next.js and TypeScript UI, localStorage persistence, drag and drop CSV ingestion, and live auto sync, cutting inventory update time and ensuring message continuity across sessions.
- Drove product with customers to deliver predictive stock out alerts and trend-based reorder recommendations, improving adoption and reducing waste across pilot venues.

### **Accenture**

**December 2020 - June 2023**

*Software Engineer*

*Bangalore, India*

- Led end-to-end development of a scalable, distributed, and fault-tolerant sales cloud platform for Disney's Ad Sales, enhancing cross-functional collaboration and ensuring high availability and system efficiency.
- Delivered interactive UI components using modern JavaScript and custom-built web frameworks, integrated with RESTful APIs and a Java service layer, contributing to a \$18,000 uplift in client revenue.
- Refactored unit test suites for key service modules, boosting test coverage to over 90% and improving deployment confidence across releases.
- Managed 30+ production deployments using CI/CD pipelines and version-controlled release workflows, ensuring consistency and reliability.

## PROJECTS

### **Performance Evaluation of HPC Application in Containerized and Virtualized Environment**

- Benchmarked Cassandra database under Docker and VMware environments using Kubernetes and TLP-Stress tools.
- Automated the performance suite using Minikube and Metric Server for consistent load testing and monitoring.

### **Yelp-Based Business Insights (Big Data)**

- Architected a data processing pipeline using Hadoop, PySpark, and SparkSQL to transform Yelp JSON into Parquet format at scale.
- Derived insights from 37,000+ user records to detect review patterns and optimize outreach for nightlife venues.

### **AWS Cloud Facial Recognition App**

- Developed a serverless application using AWS EC2, S3, Lambda, and SQS to detect and process facial features from video streams.
- Optimized compute with custom autoscaling, enabling the analysis of 1,000 clips in under 3 minutes.

## SKILLS

- **Languages:** Python, TypeScript, Java, C++, Go, JavaScript, SQL, C, Bash, HTML, CSS, Apex, Aura, SOQL.
- **Frameworks and Libraries:** Flask, Next.js, React, Node.js, Spring Boot, Flask SocketIO, Redux, Pandas, PyTorch, D3.js.
- **Cloud and Databases:** AWS, Azure, Supabase, PostgreSQL, MySQL, SparkSQL, Docker, Kubernetes, CI/CD, Git.
- **API and Integrations:** RAG, OpenRouter API, NLP, Redis, WebSockets, REST, SOAP API, OAuth 2, Postman.