

Sudish Mulakala

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EDUCATION

San Jose State University

San Jose, CA

B.S. in Business Administration - concentration: Management Information Systems(MIS)

Expected Graduation, May 2027

- o **GPA: 3.92**
- o **Related Coursework:** Python Programming (*OOP, Data Structures*); Business Programming(*Python, SQL*); Computer Networking and Data Communications (*HTTP,TCP/IP*); Management Information Systems (*SDLC,Agile*)

EXPERIENCE

Mouri Tech

Irvine,texas(Remote)

Junior Software Development Intern

June- 2025 – Aug 2025

- Built a GenAI + VLM + OCR doc-extraction pipeline (Python, Docker) converting PDFs/Word/scans/handwriting to schema-validated JSON/CSV/XML; ~90% field-level F1, p95 ≤30s/doc.
- Productionized with event-driven ingest and async workers; delivered ~2,000 docs/hr throughput, 99.9% availability, and 91% auto-recovery of transient failures.
- Added confidence-based routing, human-in-the-loop review, PII redaction, and encryption (AES-256/TLS); cut review time -42% with full audit trails.

PROJECTS

Receiptsplit

April 2025 – April 2025

- ReceiptSplit, an AI-powered bill splitter that turns receipt photos into a clean, editable item table using OCR + a strict-JSON LLM cleanup pipeline; stack: Next.js/Tailwind front end with Supabase (Postgres/RLS/Storage) back end.
- Implemented a deterministic splitting engine supporting shared items, quantities, discounts, and pre/post-tax tipping, plus a penny-balancing algorithm that guarantees per-person totals exactly match the printed receipt.
- Shipped a polished, mobile-first UX with an assignment grid, copyable payment messages and shareable read-only links; deployed on Vercel with basic tests for parse validation and reconciliation correctness.

Serverless Web Application on AWS

July 2024 – Aug 2024

- Designed and implemented a scalable serverless web application using AWS's services, including Lambda, DynamoDB, and S3, allowing users to seamlessly perform CRUD operations.
- Optimized the application's performance and user experience by hosting static files (HTML, CSS, and JavaScript) on S3 and delivering them via a CloudFront distribution, ensuring reduced latency and rapid content delivery.

SKILLS

Python, Java, JavaScript, SQL, TypeScript, C, C++,Node.js, React, Spring Boot,AWS (Lambda, API Gateway, DynamoDB, S3, CloudFrontGit), Jupyter Notebooks, IntelliJ, PyCharm, Agile/Scrum, Power BI, Excel, Tableau, CSS, HTML