

# Rohun Gowda

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## Education

### University of Michigan, Ann Arbor

Bachelor of Science in Engineering, Computer Science

Graduation Date: May

GPA: 3.5

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## Skills

**Programming Languages:** Java , Python , JavaScript , C++ , Ruby , SQL , C# , C , Typescript , HTML , CSS

**Databases:** MySQL , Snowflake , Elasticsearch , AWS OpenSearch DB , PostgreSQL , MongoDB , Oracle , Redis , Big Query , Dynamo DB

**Technology:** Spring Boot , React.js , Angular , Kafka , Django , Node.js , Express.js , Ruby on Rails , Next.js , Flask , FastAPI , Pytorch , Keras , OpenCV , Jenkins , Docker , Kubernetes , Amazon Web Services , Microsoft Azure , Salesforce , Google Cloud , Unity , Git , Linux , Tailwind CSS

**Programming Concepts:** Data Structures and Algorithms , Web Development , Distributed Systems , Database Systems , Computer Security , RESTful API , Microservices Architecture , Test Driven Development , Object Oriented Programming , Cloud computing , CI/CD Pipelines , Agile

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## Work Experience

### Team Uncanny – Salesforce Client, Chicago, Illinois

#### Software Engineer

November 2024 – Current

*Led a data driven initiative to enhance Salesforce AI Research's social media presence by identifying engagement gaps across major platforms.*

- Led the development of a modular, serverless ETL pipeline in Java using AWS Lambda, SQS, and S3 to ingest and process social media data from distributed sources into a unified, centralized schema for diverse document points stored in Qdrant Cloud data lake.
- Integrated clustering and LLM analysis using Python on AWS Lambda, leveraging Qdrant Cloud for vector data and MongoDB for session-critical storage to integrate with AWS API Gateway in building a backend that supported evolving engagement insights.
- Aligned engineering decisions with diverse stakeholder requirements, collaborating closely with product owners, UI/UX designers, and development teams to deliver features through Agile sprints and continuous integrations via a CI/CD workflow.

### La-Z-Boy, Monroe, Michigan

#### Software Engineer Intern

May 2024 – August 2024

*Identified and addressed data access inefficiencies that hindered sales representatives' ability to deliver timely and accurate customer support.*

- Built a full stack application with an ETL pipeline that gathered Snowflake data with AWS Lambda, leveraged AWS S3 and Knowledge Base to index Titan embeddings, and delivered real time responses through Django backend and Lang Chain powered LLM integration.
- Created responsive React frontend and containerized the full system for AWS EKS orchestration, while implementing a metric tracking system tool using a PostgreSQL instance on AWS LightSail to log latency and accuracy to monitor performance and adoption.
- Gathered requirements from non-technical users, translating them into technical specs and user stories, and aligning product functionality with measurable business outcomes through iterative feedback, unit testing, and user testing.

### Walmart, Bentonville, Arkansas

#### Software Engineer Intern

May 2023– August 2023

*Optimized Walmart's Distribution Center dashboard by drastically improving data retrieval speed and enabling real time operational insights.*

- Designed and implemented full stack components using Spring Boot REST APIs and React with Redux-Saga to deliver real time KPI monitoring for receiving and dock monitoring operations, significantly improving warehouse tracking and pallet status accuracy.
- Deployed dashboard improvements using CI/CD pipelines, Docker, and Kubernetes, culminating in successful production rollout and direct positive feedback from warehouse managers for its use in gaining immediate, actionable insights into logistics operations.
- Aggregated unstructured data from NoSQL document stores, developing backend API endpoints to transform raw query results into frontend formats, and collaborating with QA engineers and product owners in an Agile development lifecycle.