

# IBRAHIM SAIFULLAH

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## EDUCATION

**University of Texas at Dallas – Bachelor's in Computer Science**

May 2024

- 3.895 GPA – Magna Cum Laude

## WORK EXPERIENCE

**Pushnami – Full Stack Software Engineer**

August 2024 – Present

- Built features in Node.js and Go to improve user-offer matching algorithms and provide self-service business operations, cumulating in 20% profit increase
- Increased revenue per visit by 12% and improved user progression rates by 8% through React.js frontend UX enhancements
- Configured and deployed microservices, created CI/CD pipelines, built architecture with Terraform, and implemented monitoring and alerts in a high-ownership startup environment

**Foundation Medicine – Software Engineer Intern**

May 2023 – August 2023

- Worked with intern team to create an OpenAI-powered chatbot hosted on Azure, increasing Client Services chat resolution rates by 14% overall and 35% for new hires while tripling onboarding speed
- Developed features in Node.js hospital software integration that enabled the ordering of genomic profiling test orders, increasing cancer patients' median survival by 8 months

**Principal Financial Group – Software Engineer Intern**

May 2022 – August 2022

- Completed summer project with Insider Risk team to identify potential bad actors within the company
- Developed end-to-end AWS architecture to call an Athena query with an API Gateway and Lambda to identify 17,000+ potential threats and send to the Security Operations Center

## PROJECTS

**TopSpots – WIP ([topspots.vercel.app](#))**

- Built web app to find restaurants in a city with 4.5+ stars and 1,000+ reviews on Google Maps
- Developed TypeScript API routes to handle high-volume Google Maps API calls concurrently
- Designed intuitive Next.js frontend with focus on user experience and ease of use

**Freezer Pallet Drone Inspection**

- Led senior project to help Ruiz Foods minimize pallet tipping through ML drone vision system
- Implemented React.js frontend with Node.js and Express backend to visualize pallet locations per warehouse
- Hosted Postgres database on AWS RDS

**Lyric Learner – [@LyricLearner](#) on Twitter**

- Utilized REST APIs (Genius and Twitter) in Python to parse artist lyrics and deploy Tweets via the Maven (Java) Framework
- Generated predictive artist lyrics using Markov Chains and analyzed changes in artist sentiment via Recurrent Neural Network-based Natural Language Processing from the Stanford NLP library

## SKILLS

**Languages:** Go, JavaScript, TypeScript, Python, Java

**Technologies:** React.js, Next.js, Node.js, SQL, NoSQL, AWS, Terraform, Redis, Kubernetes, Docker, CI/CD