

Aru Gyani

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EDUCATION

Bachelor of Science in Computer Science

The University of Texas at Dallas

May 2024

GPA: 3.4 / 4.0

WORK EXPERIENCE

NCR Corporation, Software Engineering Internship

May 2023 - August 2023

- Increased user throughput by 120% with creation of production-ready Quick Add feature on next-gen online ordering platform.
- Awarded at global company hackathon including 2500+ competitors for computer-vision solution to personalization in drive-thru.
- Architected scalable alerts system for B2B store customers with Redux Toolkit.

Opus Careers, Co-Founder

December 2022 - May 2023

- Built ground-up React frontend for application that automates and refines users' job application experience via unique federated machine learning integration.
- Secured \$10,000+ funding via team pitch in competitive national startup funding competitions.

NCR Corporation, Software Engineering Internship

May 2022 - August 2022

- Demoed Azure VM-powered automated code testing platform to regional executive leadership team.
- Led frontend efforts in 4+ engineer Agile team to integrate React with .NET & Azure MySQL core services.
- Shortened data retrieval time by 75% on internal tools, helping over 100 developers across the company.

Forward Edge-AI, AI Engineering Internship

May 2021 - August 2021

- Awarded Phase II project funding from Air Force SBIR venture capital program by representing company during final pitch.
- Named co-inventor on company's next-gen product for high-accuracy CNN classification of pathogenic bacteria & COVID-19 on trace surfaces.
- Improved NLP model by 50% by substantially improving scam call training dataset quality by leading 4 engineers.

PROJECTS

Curtainfy

- HackDFW 2022 Overall Winner & Google Sponsor Challenge winner** for solution to solving climate change through use of AI/ML to optimize building energy usage by 33% via curtain automation.
- Led 4+ member team to build React Native, Firebase, and ML solution under 48 hour time limit.

Ichos Discord Bot

- Utilized DiscordJS to interface the TypeScript & Node.js bot on the Discord platform using Heroku host.
- Leveraged the YouTube API via Google Developer platform to query and stream high-quality audio.

SKILLS

Languages: Proficient in **JavaScript**, Python, SQL, **GraphQL**, HTML/CSS
Familiar with **TypeScript**, Java, C++, Lisp

Libraries: Proficient in **React**, **Node.js**, Redux.js, Familiar with **Next.js**, Material UI

Tools: Proficient in AWS Cognito, Microsoft Azure, Google Firebase, MongoDB