Aru Gyani

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Work Experience

Software Engineer I, NCR Voyix   July 2024 - Present | *Atlanta GA*
- Optimized developer machine setup by 90% (multiple days → minutes) via a custom built TypeScript CLI
- Integrated 2 payment gateways (FreedomPay, SecurePay) via React & NestJS, enabling secure checkout flows
- Led loyalty provider integrations across 6+ microservices; wrote relevant technical write-ups & Swagger API docs
- Created knowledge-shares & outage simulations for 20+ developers; boosted production-readiness & cloud adoption
- Developed page-specific comprehensive Jest integration test suite & mocked APIs for validating checkout flows
- Improved feature velocity & UI consistency by enhancing shared components across modular React design systems

Software Engineering Internship, NCR Corporation   May 2022 - August 2023 | *Remote → Onsite*
- Completed 2 internship terms; promoted from remote to onsite at company HQ based on exceeding performance
- Boosted user throughput by ~120% by deploying Quick-Add feature to a next-gen NextJS eCommerce platform.
- Earned honorable mention in company-wide hackathon (2,500+ participants) for YOLOv5-based real-time license plate recognition enabling personalized drive-thru experiences
- Improved site reliability by 70% via re-factoring scalable React alerts system through migration to Redux Toolkit
- Decreased site latency 50% by optimizing eCommerce frontend site accessibility & performance to WCAG standards

Co-Founder & Frontend Engineer, Opus Careers   December 2022 - May 2023 | *Dallas, TX*
- Built React + Tailwind CSS app with OpenAI GPT-4 integration, cutting job application submission time by 90%
- Built and launched 5+ responsive onboarding flows, boosting user signup rate and retention; deployed via Vercel
- Secured $10,000+ operational funding via team pitch to Founders Live national startup competition

AI Engineering Internship, Forward Edge-AI   May 2021 - August 2021 |*Remote*
- Trained 95% accuracy ML classification model (CNN) to identify pathogenic bacteria & COVID-19 via raman spectra
- Named co-inventor on company's next-gen AI technology for developing Phase I product & demoing to CEO & CTO
- Increased production NLP classification model accuracy by 50% via scaling transcribed data validation reliability
- Played key role in presenting final R&D findings to Air Force SBIR venture-capital program; Company subsequently succeeded in securing Phase II funding grant ($1,000,000+)

Skills

●	**Frontend**	TypeScript, React, Next.js, Redux, TailwindCSS, shadcn/ui, Material UI, Webpack, Babel, Vite
●	**Backend**	Node.js, NestJS, GraphQL, Python, Java, C/C++, Golang, Rust, C#/.NET
●	**Tooling**	GCP, Docker, Kubernetes, Terraform, Helm, Vercel, Firebase, Git, GitHub, TensorFlow, PyTorch

Projects

curtainfy   devpost.com/software/curtainfy
- Built AI-powered mobile app using ML models (solar positioning, geolocation) to automate window shade control
- Developed React Native app to reduce HVAC usage by optimizing curtain usage via solar data & location-based APIs
- Awarded 1st place in HackDFW 2022 against 400+ participants; Won Google Sponsor Challenge for solutions to climate change through ML/AI

shopIQ   github.com/arugyani/shopIQ
- Built AI research tool for high-consideration product purchases via LLM integrations & Google Shopping
- Setup React frontend with shadcn/ui, Redux, TailwindCSS, and CI/CD deployments via Vercel
- Engineered a Node.js + Puppeteer backend to build Google Shopping data & Gemini 1.5 Pro LLM query pipeline

graph-viewer   1-week work trial @ YC-backed startup
- Engineered a dynamic React/D3 graph component for client-facing analytics over 10k+ nodes and edges
- time series & ranking data.
- Project specifics protected by NDA

Education

The University of Texas at Dallas   May 2024
Bachelor of Science in Computer Science | GPA: 3.5 / 4.0

Relevant Coursework: Data Structures & Algorithms, Machine Learning, Operating Systems, Linear Algebra, Compiler Design, Automata Theory, Database Systems, Computer Vision