

Shree Gopalakrishnan

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Full Stack Engineer with a track record of taking products from idea to production in fast-paced environments. My experience ranges from building an award-winning IoT hardware MVP to deploying a scalable, full-stack AI analytics platform that boosted sales conversion. Currently looking to join a fast-paced startup where I can apply my full stack and AI expertise to build end-to-end systems that solve complex challenges and ship features that actually help people.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript (ES6+), TypeScript, Python, SQL, React.js, Next.js, FastAPI, Node.js, Prisma
Frontend Tools: Tailwind CSS, ShadCN, Styled Components, HTML, Framer Motion, D3
Backend & Data: Google BigQuery, PostgreSQL, Redis, RESTful API, ETL / ETL Processes, Docker, Websockets
AI/Data Science: Scikit-learn, Pandas, NumPy, K-Means Clustering, OpenAI API, Hugging Face
Cloud & DevOps: GCP (Cloud Functions, Cloud Run), AWS (S3, Lambda), Vercel, GitHub Actions, Neon
Other Tools: Git, Looker Studio, Playwright, Agile Development, Full-Stack Architecture

EXPERIENCE

Full Stack Engineer July 2025 – Present

iFrog Marketing Solutions

- Built a scalable data pipeline to process 200,000+ dealer records from a third-party API into Google BigQuery.
- Designed a full stack AI dashboard to provide real-time customer segmentation and lead scoring for 67 dealerships.
- Launched the platform to all dealership stakeholders, resulting in a 15% increase in ad sales conversion rates.

Software Engineering Intern May 2024 – Aug 2024

Mercury Alert AI

- Improved user dashboard load times by 40% for 300+ devices by optimizing patient-safety analytics functions.
- Architected 15+ relational schemas and refactored 10+ front end components for NoSQL to PostgreSQL migration.

Machine Learning Intern Jun 2024 – Oct 2024

ServiceMob

- Built a weekly call volume forecaster, achieving 9% MAPE to improve staffing decisions for 500+ support agents.
- Deployed forecasting API inside consumer-side web app accessed real-time by 5+ call-center agencies.

Machine Learning Intern Jun 2022 – Aug 2022

Point Perfect Technology Solutions

- Built a KNN-based resume classifier, that classified over 450+ resumes (and counting!) into best-fit jobs.
- Deployed the classifier as a REST API and integrated it with an internal HR tool to cut time-to-hire by 30%.

PROJECTS

Shrocial Media | *Next.js, Node.js, App Router, TypeScript, PostgreSQL, Prisma, Tailwind CSS, ShadCN, Neon, Clerk*

- Developed a full-stack social app using Next.js with server-side rendering and 15+ dynamic/static routes.
- Integrated Neon Database with PostgreSQL and Prisma ORM, creating 10+ route handlers for API responses.
- Designed a responsive UI with Tailwind CSS for consistent styling and dynamic layouts for 4 screen sizes.

Restaurant Ordering System | *Full Stack Development, IoT, Real-Time Systems, MVP development*

- Built a web-based order accuracy system using Raspberry Pi, reducing simulated errors by 35% in restaurants.
- Designed and fabricated a 3D-modeled wooden enclosure to house a touchscreen, battery, and Raspberry Pi.
- Implemented real-time tracking to process 10+ concurrent orders with <1s latency and haptic feedback.
- Won 2nd place among 20+ teams in UCSD's MVP competition for technical innovation and hands-on engineering.

EDUCATION

University of California, San Diego Sep 2021 – Jun 2025

B.S. in Computer Science

- Relevant Coursework: Advanced Data Structures in Java, Design and Analysis of Algorithms, Deep Learning