

# Gokul Kannan R

✉ gokulkannanr9@gmail.com — 📞 +91-9487320614

🐙 github.com/gokuls-codes — 🌐 linkedin.com/in/gokulkannanr

Full-stack software engineer with 3 years of experience and a passion for continuous technical evolution. Highly proficient in utilizing AI coding tools to optimize development velocity across the software development lifecycle.

## Experience

---

### Oracle (OCI), Bengaluru

May 2025 – Present

*Member of Technical Staff*

*Bengaluru, Karnataka*

- Architected reusable and accessible **Preact/React libraries** for the internal UI framework, standardizing design patterns, user experience and accessibility across **100+ cloud services** in OCI.
- Collaborated with product and service teams to engineer new features and resolve complex bugs, directly improving the **end-user experience** and reliability of the OCI Console.
- Served as an **on-call engineer** to unblock customer teams and rapidly resolve critical **production issues**.
- Added **RTL (Right-to-Left) localization** support across core libraries and the primary OCI Console.
- Developed critical customer workflows for the high-throughput **FastConnect** service.
- Helped other team members by doing **code reviews**, helping them onboard to new projects.
- Honored with an **Oracle Spot Award** for exceptional engineering velocity and cross-team contributions.

### BlueStone Jewellery and Lifestyle

June 2023 – May 2025

*Software Engineer*

*Bengaluru, Karnataka*

- Rewrote core retail **billing software in React**, moving to a modern interface that handled thousands of daily store transactions, improved both customer and salesperson experience, and sped up the checkout process.
- Re-engineered the POS app deployment by moving to a **Content Delivery Network (CDN)**, which directly cut infrastructure **costs by 50%** and dropped application **load times by 80%**.
- Built an in-store **RFID scanning system** from the ground up to automate product scanning during checkout and inventory management, replacing manual barcode entry for staff.
- Setup production deployments and MongoDB replicas on **AWS** by writing custom Bash scripts for builds and setting up **CI/CD pipelines in Jenkins** to automate the release cycle.
- Collaborated with store staff and the product team to identify friction points in the existing software, using those insights to design and ship features that significantly reduced **salesperson workload** and **training time**.

## Education

---

### Indian Institute of Technology (IIT)

July. 2019 – May 2023

*Bachelor of Technology in Computer Science and Engineering*

*Hyderabad, Telangana*

## Projects

---

### On-the-Go | Go, Docker, HTMX, SQL, Tailwind CSS

- Engineered a **custom CI/CD orchestration engine in Go** that automates the lifecycle of personal projects by triggering builds and deployments upon **GitHub commits**.
- Integrated **Docker** for containerized deployments, implementing **automated image building and container orchestration** to ensure isolated and reproducible environments across a VPS.
- Architected **real-time status updates** via **Server-Sent Events (SSE)**, enabling the UI to stream live build logs and deployment progress directly from the Go backend.

### Gen-UI Personal Tracker App | Next.js, Claude, Typescript, Tailwind CSS, PostgreSQL

- Developed a personal tracking app using Next.js powered by **Claude** to track the user's various activities like workouts, projects, calories, etc. Implemented **authentication** from scratch for this app.
- Gave the LLM various **tools** related to projects, workouts, database so when the user asks about anything, they get a UI based on what they are looking for (**Generative UI**).
- Deployed and optimized the application for web, ensuring **fast load times** and a **responsive design** across devices.

## Relevant Coursework

---

- |                   |                       |                         |                    |
|-------------------|-----------------------|-------------------------|--------------------|
| • Data Structures | • Database Management | • Computer Networks     | • Machine Learning |
| • Algorithms      | • Operating Systems   | • Computer Architecture | • Compilers        |

## Technical Skills

---

**Languages:** Go, TypeScript, JavaScript, Python, C, C++, Java, SQL, HTML/CSS

**Frameworks & Libraries:** React, Next.js, Preact, Node.js, Spring Boot, Django, HTMX, Tailwind CSS

**Tools & Infrastructure:** Docker, AWS, Jenkins, Linux, Git, PostgreSQL, MongoDB, Neovim, Codex, AntiGravity