

KRISHNAMURTHY M GOKARNKAR

✉ gokarnkarko6@gmail.com ☎ 7760698948 🔗 LinkedIn 🌐 Website 🐙 Github 📍 Bengaluru

PROFILE

Motivated and adaptable software engineer with a strong foundation in object-oriented programming, clean code practices, and collaborative development. Skilled in building scalable, production-ready applications using JavaScript, C++, and modern databases, with a focus on performance, maintainability, and real-world usability. Currently learning to strengthen backend capabilities. Quick to pick up new tools and technologies, and thrive in Agile/Scrum environments to deliver high-quality solutions.

EDUCATION

Bachelor of Engineering

BMS College Of Engineering, Bengaluru

Key Coursework: C++, Data Structures & Algorithms

8.54/10

PROFESSIONAL EXPERIENCE

Associate Product Developer | POSSPOLE

August 2024 - Present

- Implemented a **frontend dashboard** for 50+ Gram Panchayats using HTML, CSS & JavaScript, where data was taken from Ola Map SDK, improving field data collection and visualization while following the Scrum development cycle.
- Developed a full-stack **Request For Quote (RFQ)** 📄 store system, implementing core features for both customer and admin roles using **React** and integrating **Supabase** via RESTful APIs. Automated deployments with **GitHub Actions** as part of the CI/CD pipeline.
- Contributed to the development of a **CRM/ERP portal**, enhancing data retrieval speed by 25% and improving the user experience for internal teams by adhering to Agile best practices and GitHub for collaborative reviews, boosting team efficiency and Collaborated on writing and maintaining functional test cases for CRM modules; validated user flows manually and tracked bugs using Jira.
- Deployed a secure, **self-hosted** communication line on **DigitalOcean** using Docker with **DNS** configuration, **SSL** for in-house communication.
- Contributing on the **frontend and API integration** side to the development of a recruitment and assessment platform with features like job listings, candidate tracking, coding test modules, and AI-driven monitoring (audio/image) for providing a one-stop solution and reducing costs. Working in **Agile sprints following the Scrum cycle**, with secure auth via Supabase, RESTful APIs, and CI/CD pipelines using GitHub Actions.
- Developed and shipped responsive landing pages for **MedTech** 📄 and **Healthcare** 📄 landing pages using React, ShadCN UI, and Magic UI, improving UI consistency by 40% and reducing component duplication through a scalable, reusable design system.

Trainee Intern | POSSPOLE

April 2024 - July 2024

- Developed a **high-impact Health Campaign** 📄 landing page for a health campaign, driving a 20% increase in user engagement through responsive design.
- Designed a **robust patient tracking system** for a Foot Clinic, enhancing healthcare service efficiency by 30%.
- Contributed to the development of a **CRM & PMS platform**, streamlining business workflows and boosting overall operational efficiency by 15%. followed Agile ceremonies (Scrum, sprints, Jira)

SKILLS

- Languages:** C++, JavaScript, Java, Python(basic), SQL
- Web Development & Frameworks:** Express.js, Spring Boot, Spring MVC, Tailwind CSS
- Databases and Cloud:** MongoDB, MySQL, Firebase, RDBMS, Docker, Digital Ocean Cloud, Kubernetes, Shell Scripting
- Tools & DevOps:** Git, GitHub, GitHub Actions, Bitbucket, Jira, Postman, Playwright, Visual Studio Code, Vercel, Netlify, Cloudflare Pages
- AI/ML & NLP:** scikit-learn, Sentence-Transformers (BERT), TF-IDF, Cosine Similarity, PDFPlumber, Text Preprocessing
- Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Asynchronous Programming (Async/Await, Promises), Event-loops, RESTful API Design, Agile/Scrum Methodology, Database Management Systems (DBMS), Operating Systems (OS), and Networks.

PROJECTS

Split 3 - NFT Fractionalization | GitHub 📄

- Led a team of 5 to win ₹50,000 at a national hackathon by developing a decentralized Web 3 service for NFT fractionalization.
- Designed and developed an engaging landing page using HTML, CSS, and JavaScript, resulting in improved presentation and user interaction.
- Implemented **secure Smart Contracts** with Solidity, ensuring multi-sig wallet support and resolving key security concerns related to digital asset ownership.

AI-Powered News Summarizer & Question & Answer Platform | Live Demo 📄

- Developed an **AI-driven platform** offering real-time news summarization, Q&A functionality, and personalized insights using React and Google Generative AI (Gemini).
- Integrated **Google AI Studio's LLM** with API handling and modularized services, enabling seamless performance under varying loads.
- Designed and optimized a **region-specific UI**, incorporating dynamic image rendering and responsive layouts to enhance user engagement across devices.

MoonTown A Private Theatre Booking Platform | Live Demo 📄

- A **full-stack web app** that allows users to book private theater experiences with a **multi-step process, real-time price calculations**, instant confirmations, and downloadable receipts.
- Users can select theater packages, **add-on services like decoration and photography**, and **receive instant booking details**, all within a smooth and responsive UI built with React, JavaScript, and Tailwind CSS.
- Powered by **Supabase** for **authentication and database management**, leveraging **RESTful APIs** for real-time updates, **efficient state management**, **secure data transmission**, **authentication protocols** and a modular architecture for enhanced scalability.
- Used **GitHub Actions** for deployment (**CI/CD**) with Cloudflare Pages and ESLint + Prettier for consistent code quality

Employee Management System – Full Stack Learning Project with Spring Boot & React

- Built a mini **full-stack** Employee Management System as a learning project using **Java (Spring Boot)**, **React.js**, and **MySQL** to understand end-to-end application development.
- Developed and consumed **RESTful APIs** to perform **CRUD** operations on employee data, integrating backend with a responsive **UI** using **React.js**
- Explored practical concepts like **API routing**, database connectivity, and full-stack integration while using tools like **Postman**, **Git**, and **VS Code** for debugging and version control.