

RAJATH KIRAN A

Puttur, Karnataka | +91-7483975463 | rajathajeru@gmail.com | linkedin.com/in/rajath-kiran | github.com/Rajath2005 | rajathkiran.me

SUMMARY

Full Stack Developer and B.E. Computer Science student (CGPA 8.8/10, VTU, graduating 2027) with hands-on experience designing, developing, and deploying production-grade web applications using React.js, Node.js, Express.js, and cloud-native tools. Built and shipped a live healthcare platform with REST APIs, MySQL/PostgreSQL databases, Docker containerization, and CI/CD pipelines; won IEEE recognition for an ed-tech product competing against 30+ teams.

EXPERIENCE

Web Developer — Freelance

Nov 2024 – Dec 2024

Nexara | Remote

- Designed and developed 2 production websites (Plumbing Services + NGO) with responsive UI, plugin configuration, and performance optimization, delivering both projects within a 6-week engagement.
- Built and maintained frontend interfaces using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and fully responsive design across all platforms.

EDUCATION

B.E. in Computer Science & Engineering

2023 – 2027

Vivekananda College of Engineering & Technology, Puttur | VTU, Karnataka | CGPA: 8.8 / 10.0

Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Operating Systems, Object-Oriented Programming, Computer Networks

Pre-University — PCMC (Physics, Chemistry, Mathematics, Computer Science)

2021 – 2023

Narendra PU College, Puttur | Score: 93.33%

SSLC (Class 10)

2016 – 2021

Morarji Desai Residential School, Machina | Score: 98.08%

SKILLS

Programming Languages: JavaScript, TypeScript, Python, Java, C, C++

Frontend: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Web Design

Backend Frameworks: Node.js, Express.js, REST API Design, FastAPI

Databases: MySQL, PostgreSQL (Neon), MongoDB, Supabase, Firebase, Redis

DevOps & Tools: Git, GitHub Actions, Docker, Kubernetes, CI/CD Pipelines, Linux

Cloud Platforms: Google Cloud Platform (GCP), Vertex AI, Firebase, Cloud Run, Netlify

Other: Figma, Prompt Engineering, Generative AI, Gemini API, Google Maps API

PROJECTS

AyuDost — Full Stack Healthcare Platform

2024 – Present

React.js, Node.js, Express.js, MySQL/PostgreSQL (Neon), Firebase, Supabase, Google Maps API, Vertex AI/Gemini, Docker | mediq-health.netlify.app

- Designed and developed a production-grade full stack web application serving 20+ users, implementing appointment booking, hospital locator via Google Maps API, QR-based medicine scanning, and Supabase/Firebase authentication — handling frontend (React.js) and backend (Node.js, Express.js) development end-to-end.
- Built and maintained RESTful APIs using Node.js and Express.js, integrated MySQL and PostgreSQL (Neon) for database management, and deployed on Netlify with Cloudinary for cloud storage, achieving fully responsive UI across all platforms.
- Integrated Vertex AI/Gemini for AI-assisted diagnostics and implemented a RAG pipeline for Ayurvedic knowledge retrieval, reducing manual lookup time significantly for 20+ platform users.

Englisho — Interactive English Learning Platform

May 2024

HTML5, CSS3, JavaScript, Web Speech API | github.com/Rajath2005/Englisho.io

- Won 1st place at IEEE I² CONNECT-2K24 (IEEE Mangalore Subsection & VCET, 30+ competing teams) for building an interactive ed-tech platform with quiz engine, text-to-speech, and dictionary for children learning English.
- Designed and developed all frontend interfaces using HTML5, CSS3, and JavaScript, implementing cross-browser compatible, responsive layouts and Web Speech API integration.

Code Review RL Environment

2025

Python, FastAPI, Docker, Hugging Face Spaces | github.com/Rajath2005/code-review-env

- Engineered and containerized a sandboxed API server using FastAPI and Docker, deployed on Hugging Face Spaces; implemented MDP-standard reset/step semantics and benchmarked with Qwen2.5-72B-Instruct.

- Implemented CI/CD-compatible Docker deployment with deterministic grading and strict reward clamping, demonstrating end-to-end containerization and deployment pipeline skills.

2025

Developer Portfolio

HTML5, CSS3, JavaScript, Netlify | rajathkiran.me

- Built and deployed a responsive portfolio showcasing 25+ live projects with an integrated AI assistant, filterable project grid, and blog — demonstrating full stack development and deployment capability.

CERTIFICATIONS & AWARDS

- IEEE I² CONNECT-2K24 Winner — IEEE Mangalore Subsection & VCET Student Branch (2024)
- 2× VTU Topper — Code360 30-Day Coding Challenge (Naukri Code360 Platform)
- Google Cloud Arcade 2026 — Silver League, 50+ badges (GCP, Kubernetes, BigQuery, CI/CD, Cloud Run, Firebase)
- Cisco Networking Academy — Introduction to Cybersecurity (May 2026)
- Scaler — Node JS Certification: Master the Fundamentals (May 2026)
- Scaler — Docker and Kubernetes Fundamentals (Oct 2025) | Scaler — React Bootcamp (Oct 2025)
- NPTEL — The Joy of Computing Using Python, IIT Madras (Score: 78%, Nov 2025)
- Google — Google AI Essentials, Google Prompting Essentials, Maximize Productivity With AI Tools (2026)
- Anthropic — Claude Code in Action, AI Fluency: Framework & Foundations, Claude 101 (2026)
- Infosys Springboard — DSA, C++, Linux for Beginners | IBM SkillsBuild — Open Source Software Development
- Elements of Artificial Intelligence — University of Helsinki & MinnaLearn
- freeCodeCamp — Responsive Web Design