Kushal L Gowda

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EDUCATION

Sambhram Institute of Technology Bangalore, India
Bachelor of Engineering in Information Science | CGPA: 8.88/10.00 May 2025

St Joseph's Indian Composite PU College Bangalore, India
Class 12th | Percentage: 82.0 May 2021

Vimanapura High School Bangalore, India
Class 10th | Percentage: 84.32 Apr 2019

TECHNICAL SKILLS

- **Programming Languages**: Java, Python, JavaScript
- **Operating Systems**: Windows, Linux
- **Database**: SQL Server, PostgreSQL
- **Tools and Technologies:** React.js, Git, GitHub, Supabase, Blockchain, Render (cloud hosting), AWS
- **Frameworks:** Spring Boot, Bootstrap, Django, Flask

RELATED EXPERIENCE

Java Full-stack Intern Bangalore, India
Tech Fortune Technologies Jan – May 2025
- Designed and developed a full-stack web application using Java, Spring Boot, MySQL, and React.js, implementing MVC architecture, RESTful APIs, and structured component-based UI.
- Built and integrated features such as role-based access, data forms, and dynamic views, while actively debugging across the stack to ensure smooth functionality.
- Collaborated in an Agile environment, code development, debugging, and version control using Git and GitHub.

PROJECTS

MentorMe – Real-Time 1-on-1 Mentorship Platform
- Built a full-stack mentorship platform using React.js, Spring Boot, Node.js, and MySQL, integrating real-time video, chat, and screen sharing with WebRTC, Agora RTM SDK, and MediaDevices API.
- Implemented core features including user authentication, role-based access control, task assignments, live session scheduling, and real-time notifications.
- Designed a modular architecture with React hooks, RESTful APIs, and a responsive UI using raw CSS, focusing on maintainability and scalability for future deployment.
- **Tech Stack:** React.js, Spring Boot, Supabase(PostgreSQL), Agora RTM SDK

QuantC - Carbon footprint quantification system for Indian coal mines
- Designed and developed a web application to quantify and monitor carbon emissions from daily mining activities, enabling actionable insights for achieving carbon neutrality
- Implemented a dynamic backend using Django and integrated React-based fronted to deliver responsive, simple and modern interface.
- Incorporated data visualization tools for live dashboards, offering comprehensive insights into emission breakdowns, carbon sink capacities, and ML-based suggestions utilizing data from Supabase
- **Tech Stack:** Python, React, Django and Supabase

Pricely – Indian E-commerce product price comparison
- Designed and developed a full-stack price comparison web application enabling users to search, compare, and shop products across platforms like Amazon and Flipkart
- Implemented API integration using RapidAPI for seamless retrieval of real-time product data, ensuring accurate and dynamic price comparisons.
- Incorporated React, Bootstrap and HTML to create a user-friendly and responsive website.
- **Tech Stack:** Python, Django, React, RapidAPI and Render (cloud hosting service)
- **Project Link:** https://pricely-kappa.vercel.app/

CERTIFICATIONS

- Cloud Computing – NPTEL
- Cybersecurity Professional Certificate – GOOGLE
- Python Web Developer – ICT Academy | Capgemini

ACTIVITIES

- Technical team member at OSCode community
- Regional Runner up at TCS TechBytes 2025.