

# VAIBHAV KANTHI

Bengaluru, Karnataka, India

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## Objective

I am a third year student at RNS Institute of Technology with a strong focus on full-stack and software development. I possess expertise in web technologies and programming, committed to delivering innovative web applications. As a member of the AdroIT club blockchain team, I'm actively exploring blockchain and DevOps technology. My passion for continuous learning, collaboration, and openness to constructive criticism enhance my adaptability and problem-solving skills. I'm dedicated to contributing to a dynamic development team and making a meaningful impact in the tech industry.

## Education

### R N Shetty Institute of Technology

2021 – 2025

Bachelor of Engineering in Computer Science, (CGPA - 9.22)

Bengaluru, Karnataka

### SBR PU College

2019 – 2021

Pre-University Course (PUC) (Percentage - 97.34%)

Gulbarga, Karnataka

## Technical Skills

**Core Concepts:** Computer Networks, Data Structures and Algorithms, Object Oriented Programming, Web development, Operating Systems, Continuous Integration, Cloud Computing

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

**Frameworks and Libraries:** React.js, Node.js, Express.js, JQuery

**Technologies and Platforms:** Jenkins, Git/GitHub, Open Project, Build tools, Google Cloud Platform, VS Code

## Projects

### EagleI | DevOps, Cloud Computing and Deployment

Sept 2023

- Description:** EagleI is an innovative and environmentally conscious animal intrusion detection system designed to safeguard farmlands and crops from wildlife intrusion.
- CI pipeline:** Contributed to implementation of a Continuous Integration pipeline which helped deploy applications much faster
- Cloud Deployment:** Orchestrated the deployment of the system on a Linux server hosted on the DigitalOcean cloud platform, optimizing resource allocation, scalability, and cost-efficiency

### AI Chatbot | React.Js, TypeScript, NodeJS, Express, MongoDB

August 2023

- Description:** Developed a dynamic web application that enables us to chat with GPT-3.5 Turbo model using the OpenAI API.
- Full stack development:** Designed and implemented a full-stack web application using React.Js, NodeJs, ExpressJs and MongoDB for database management.
- Session Management:** Implemented secure session management by using JWT tokens and cookies to manage permissions and users.

### Coding Contest Tracker | Java, SQL, JDBC

April 2023

- Description:** Developed a Java-based coding contest tracking application utilizing SQL and JDBC for data management, and integrated with KONTEST and Gson APIs for fetching and organizing coding contest data.
- API integration:** Leveraged the KONTEST API to fetch coding contest data based on criteria such as host, status, and name, enabling users to stay updated on upcoming contests.

## Volunteer work

- AdroIT core member:** Current core member of the Blockchain team in AdroIT which is a club associated with my university. Helped conduct workshops and peptalks to educate peers and learn through hands on sessions

## Certifications and Technical Achievements

- HactoberFest 2023 badge: Level 2** — HacktoberFest
- Google Cloud Computing Foundations: Cloud Computing Fundamentals** — Google (Sept. 2023)
- Crash Course on Python** — Coursera (June 2023)
- Java foundation certificate** — Infosys Springboard (July 2023)
- C++ 5\* badge** — HackerRank

## Languages

English (Fluent), Kannada (Native), Hindi (Fluent)