# Rahul Patil

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## EDUCATION

**Gogte Institute of Technology**                                     Dec 2020 – Aug 2024
*Bachelor of Engineering in Computer Science*                 *Current CGPA: 9.28/10.0*

## SKILLS

**Languages**: HTML, CSS, JavaScript, C++, SQL, Java
**Tools**: Git, GitHub, Docker, Kubernetes, MongoDB, Visual Studio Code (VS Code), IntelliJ IDEA
**Frameworks**: React.js, Node.js, Express, Spring Boot, Tailwind CSS, Material UI

## EXPERIENCE

**Software Engineering Intern**                                       Jan 2024 – Apr 2024
*Infraspec*                                                             *Bengaluru, India*

- Created a Discord bot for the company's library, which includes features for book management and employee interactions. Developed a CI/CD pipeline using GitHub Actions to automate testing and deployment of the application as a Docker container, enhancing the efficiency and workflow for the company.
- Developed a project involving DevOps concepts such as Docker, Kubernetes, Grafana, and Prometheus, creating an "On-Prime k3s Cluster on Bare Metal Raspberry Pi with Grafana Prometheus Monitoring" solution.
- Developed proficiency in writing clean Java Spring Boot code, adhering to SOLID principles, and practicing test-driven development (TDD) by writing test cases alongside code.

## PROJECTS

**Library Management Discord Bot** | *Node.js, Git, GitHub, Jest, discord.js*                 GitHub
- Created a Discord bot for managing the company's library and facilitating employee interactions.
- Developed a CI/CD pipeline with GitHub Actions for automated testing and deployment as a Docker container.
- Improved efficiency and workflow through streamlined application management.

**Raspberry Pi Monitoring Solution** | *JavaScript, Docker, Kubernetes, Prometheus, Grafana*     GitHub
- Developed a monitoring solution using Docker, Kubernetes, Grafana, Prometheus on an on-premise k3s cluster.
- Implemented the cluster on Raspberry Pi for efficient resource management and performance tracking.
- Enabled enhanced visibility and control over system metrics and performance through real-time monitoring and visualization.

**CINEFLICKS (MOVIE/SERIES APP)** | *React.js, Rapid API, Material UI, Tailwind CSS, VS Code*     GitHub
- Many youngsters when bored start browsing for good series or movies and end up surfing with messy recommendations.
- Designed and developed an app that provides users with basic info, cast details, and trailers for trending movies and series.

## ACHIEVEMENTS

- Achieved Institute rank 2 among 1350+ registered geeks on GeeksforGeeks platform with a coding score of 1450+, having successfully solved 360+ problems on the platform.
- Achieved the level of Expert (Level 7) on Coding Ninjas platform, earning the Ronin and Samurai badges, having successfully solved over 200 problems on the platform.
- Currently ranked at 80,000 among 5,000,000+ users on LeetCode with 4 earned badges and a track record of solving 400+ problems on the platform.