

RITIK RAJ

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EDUCATION

Dayananda Sagar College of Engineering, Bengaluru Karnataka, India
B.E Computer Science and Engineering CGPA : 8.76 (till 7th sem) 2020-2024

Chinmaya Vidyalaya, Bokaro Jharkhand, India
Intermediate (10+2) from CBSE Percentage : 94.4% 2018-2020

EXPERIENCE

Full Stack Developer Intern | Alhansat Solutions Private Limited x IEEE Bombay Section Sep 2023 - Oct 2023

- Led the end-to-end development of **Hirelogix**, an Application Tracking System (**ATS**), serving as the **Technical Lead**. Guided and groomed a team of **14** interns to ensure seamless tracking of job applications by recruiters.
- Took the lead in designing the **Architecture** and **Database Design** using **Prisma & MySQL** and successfully implemented the entire project from **scratch** using **SvelteKit** and **Node.js**

Software Development Engineer Intern | Code InBound LLP Jun 2023 - Aug 2023

- Implemented crucial features in Network Monitoring System (**NMS**), including Event Emission using **EventEmitter**, Email Sender with **Nest Mailer**, Notification Engine with **Queues**, and creation of Shadow Users using **Typescript, Nestjs & PostgreSQL**.
- Written test cases for unit and integration testing using **Jest** by ensuring the quality of many endpoints in **Swagger** that increased the code coverage by **80%**

DevOps Intern | Brane Enterprises Private Limited Nov 2022 - Dec 2022

- Automated **MongoDB** health checks with **AWS** Lambda, integrating responses into Microsoft Teams.
- Monitored different Environments of **Microservices** using **Grafana** to optimize performance across diverse platforms and cloud infrastructures.

PROJECTS

FoodHub ([Repo](#)) ([UI Application](#)) (Reactjs, Tailwind, Nodejs, Expressjs, MongoDB, Git, Vercel)

- Worked collaboratively and Developed a **full stack** application for **food delivery** that offers seamless ordering and real-time updates, providing an efficient and reliable platform for food delivery.

DeCharge ([Repo](#)) ([UI Application](#)) (ReactJs, TailwindCSS, MapsAPI, Ethersjs, Solidity, HardHat)

- Developed an online Web3 portal for **Decentralise Co Charging Station** to create a network of distributed electric vehicle charging stations for EV users.

Kanban Board ([Repo](#)) ([Application](#)) (Reactjs, Nodejs, Expressjs, MongoDB, Vercel, Tailwind)

- Developed and deployed a Full Stack application that allows users to efficiently **manage** and **organise** tasks and keep **track of their progress**.

Waste Sorter ([Repo](#)) ([Application](#)) (ReactJs, TailwindCSS, Git/GitHub)

- Designed **User Interface** for an **open-source** Waste Sorter Management project, enabling waste image submission. The existing ML model identifies waste types and recommends proper color-coded dustbins for disposal.

PROGRAMMING SKILLS

Languages : C/C++, C#, JavaScript, Java, SQL **Tools :** Git, Grafana, Postman, Tailwind, Visual Studio
Platforms : MongoDB, GitHub, AWS, PostgreSQL **Frameworks :** ReactJS, NodeJS, NestJS, .NET, ASP.NET

CERTIFICATION

- **Bits Pilani Hackathon-unstop** : developed a Web application **FeedIndia** for users to donate extra or waste food so that it can be use to feed people or make Compost. ([Link](#))
- CSE Department Hackathon: developed an Android application **Healthcode** that detects the nutrients present in your food and suggest a healthy meal for you. ([Link](#))
- Participated in **Flipkart GRiD 5.0** - Software Development Track on Unstop. ([Link](#))
- Participated in **TVS Credit E.P.I.C 5.0** (IT Challenge) on Unstop. ([Link](#))
- Solved 300+ problems on Various Coding Platforms Like **GFG**, **CodeChef**, **CodingNinjas** and **Leetcode**.