

RITIK RAJ

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EDUCATION

Dayananda Sagar College of Engineering, Bengaluru B.E Computer Science and Engineering	CGPA : 8.92 (till 8th Sem)	Karnataka, India 2020-2024
Chinmaya Vidyalaya, Bokaro Intermediate (10+2) from CBSE	Percentage : 94.4%	Jharkhand, India 2018-2020

EXPERIENCE

- Software Engineer Intern** | Light and Wonder Mar 2024 - Present
- Developed automation test scripts using the **Fitness Framework** on **X-series** protocol to understand the product's codebase in **C++** & **C#** and overall working of **EGMs** during the **Capstone** project.
 - Working on the **Operator Menu**, converting over **50+** old handlers to **Websocket** handlers in **C++** and developing multiple screens of the operator menu using **React** and **Typescript**.
- 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%**

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, Tailwind, Visual Studio, Perforce
Platforms : MongoDB, GitHub, AWS, PostgreSQL **Frameworks :** React.js, Node.js, Nest.js, .NET, ASP, MVC

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**.