

SUJAL SAMAI

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EDUCATION

MEDI-CAPS UNIVERSITY

Bachelor of Technology
Major in Computer Science and Engineering

CGPA: 9.23/10.00

Certifications: [CCNA - Introduction to Networks](#) (Cisco Netacad Academy), [React.js Essentials](#) (Linkedin Learning)

Indore, India
August 2020 - July 2024

WORK EXPERIENCE

DIGIVALET

Software Engineer Intern

Indore, India
Jan 2024 – Present

- Created a driver to control Schneider thermostat using Java Serial Connection with Multithreading capabilities.
- Successfully worked on the **update** of Proldiom version for Encryption & Decryption of Entertainment Channels, **optimizing security** and expediting channel access across command line and iPad platforms.
- Pioneered the creation of Push Manager Service, **integrating Rest APIs** via SpringBoot and facilitating seamless feature response delivery to Digivalet DVCs. Utilized the API communicator Library developed by Digivalet Team to ensure prompt notification of iPad devices regarding new feature requests, while meticulously managing request routing to DVCs to prevent any loss.

AURING TECHNOLOGIES

Full Stack Intern

Remote
May 2023 – June 2023

- Spearheaded the successful launch of the company's official **responsive website** using React and cutting-edge libraries, resulting in a **50% increase in online user engagement** and a **40% reduction in website loading time**.
- Pioneered the development of a custom Chatbot project using LangChain, Django, and LLama-Hub, resulting in a **60% increase in response accuracy** and **30% faster query resolution**.
- Enhanced React Native codebases for better **maintainability** and served as a mobile app tester, **reducing critical bugs by 40%** while improving overall product quality.

PROJECTS

GREENKART: (Next.js, MongoDB, Stripe)

| greenkart.vercel.app | [SujalSamai/GreenKart](https://github.com/SujalSamai/GreenKart) | Dec 2023

- GreenKart is a B2C marketplace or an e-commerce platform to buy organic & eco-friendly products which are alternatives to plastics and made available through home grown Indian startups.
- Implemented **Next.js API** for Backend, facilitating smooth communication between Frontend and Backend components.
- Integrated MongoDB** for efficient data storage and **Stripe API** for secure transactions as the payment gateway.

GITSHOW : (React.js, Firebase, GitHub API)

| gitshowbysmg.vercel.app | [MadhaviGupta/GitShow](https://github.com/MadhaviGupta/GitShow) | Feb 2023

- GitShow is a social-media platform for developers, showcasing your projects hosted on GitHub in a beautiful way.
- Engineered the Backend with Firebase and Frontend using React.js and Tailwind CSS, resulting in a **40% faster page** load time and a seamless user experience.
- Leveraged GitHub API to fetch user data, reducing time spent by **30%** to fine tune their profiles.

SKILLS

- LANGUAGES:** Java, Javascript, SQL, HTML, CSS
- FRAMEWORKS/LIBRARIES:** React.js/Next.js, TailwindCSS, SpringBoot
- TOOLS:** Git, Github, Firebase, VSCode, IntelliJ IDEA, POSTMAN, Vite, Linux
- DATABASES:** MySQL, Firestore
- OTHERS:** Data Structures & Algorithms, OOPs, Technical Writing, Team Player, Purpose Driven

ACHIEVEMENTS

- Achieved "Best Overall Project"** title at MLH's Design-a-thon Hackathon. | tinyurl.com/voqueeco
- Won Computer Science Senior Bal Vigyan 3 times** in a row by **presenting** innovative technological solutions for the country's development.
- Ranked in the **top 21%** of Leetcoders globally with a **1600+** rating.
- Secured a **top 350** position among 51,000+ participants in the TVS E.P.I.C. Hackathon.
- Student Community Member of First Generation Nothing Program at [Nothing Technology Ltd.](#)

PROFILES

Leetcode: leetcode.com/sujalsamai
Hashnode: hashnode.com/@sujalsamai

GFG: auth.geeksforgeeks.org/user/sujalsamai123
Coding Ninjas: codingninjas.com/studio/profile/sujalsamai