SATYAM DWIVEDI

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PROFILE

Enthusiastic Computer Science and Engineering student with hands-on experience in web development, backend systems, and various programming languages. Adept at problem-solving and eager to contribute to innovative projects through challenging internship roles.

EDUCATION

Bachelor of Technology,
Vellore Institute of Technology   2022 - Present

School Leaving Certificate,
Himalayan Whitehouse Innternational Secondary School   2019 - 2021

SKILLS

Programming Languages:	C, C++, Python, Java, JavaScript, TypeScript
Frontend Technologies:	ReactJS, NextJS, HTML, CSS, Tailwind CSS, Bootstrap
Backend Technologies:	NodeJS, ExpressJS
Database:	MongoDB, SqlPlus
Tools:	Git, Docker
Others:	Data Structures, Algorithms, RESTful APIs

EXPERIENCE

Web Developer
Advanced Developers Group   *VIT, Vellore*

- Developed a robust mass mailing backend system, enabling efficient, scalable, and automated email distribution for large volumes of recipients, with a focus on reliability, performance optimization, and integration with various email service providers..
- Cloned Crunchyroll using TypeScript and Next.js to demonstrate and teach advanced web development techniques in a workshop, focusing on scalable architecture, responsive design, and integration of complex APIs

PROJECTS

Mail Merge Automator. Developed a backend solution using Nodemailer to automate email distribution. Technologies used include NodeJS and CSV parsing. The system increased email distribution efficiency by 30%.

Crunchyroll Clone . Created a two-page website using NextJS to mimic a streaming platform. The home page displays a list of anime, and each anime's details are shown on a separate page, achieved through dynamic routing.

NewsApp. Built a dynamic news application using React.js and the World News API, providing real-time global news updates with a focus on user-friendly UI/UX and seamless API integration.

Elcar. Created a responsive electric car website using HTML, CSS, and JavaScript. The site features modern design, dynamic content, and interactive elements, showcasing electric car models and pricing. Implemented smooth navigation, animations, and form validations to enhance user experience, with a focus on performance optimization.

EXTRA-CURRICULAR ACTIVITIES

- Secured 1st Runner-Up in "Clash of Bugs 2.0", a debugging competition where participants were challenged to identify and fix errors in pre-written code, demonstrating problem-solving skills and proficiency in coding.