

Sriram R

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ABOUT

I am a final year student at VIT Vellore, India, with a deep passion for web development, machine learning, and cloud computing. As a lifelong learner, I constantly seek out new knowledge and real-world challenges, tackling them with a solution-oriented mindset. I thrive in collaborative environments that foster continuous learning and innovation, and I'm eager to contribute my skills and enthusiasm to such a team.

EDUCATION

Vellore Institute of Technology

B.Tech CSE with spec. in Blockchain Technology; **CGPA: 9.37**

Vellore, India

Aug. 2021 - Aug. 2025

Sree Narayana Mission Sr. Sec. School

CBSE Class 12; **Percentage - 94.6**

Chennai, India

Jul. 2019 - Jul. 2021

EXPERIENCE

Centre for Airborne Systems, DRDO

Software Engineer Intern

Bangalore, India

Nov 2023 - Dec 2023

- Designed and developed a data logging system for aircraft with multiple sensors, using MongoDB and C++.
- Improved scalability **upto 500 concurrent requests/minute** by using a simple queue service with semaphores and mutex locks.

Clinigo | [View documents](#)

Developer Intern

Vellore, India

May 2023 - Sep 2023

- Developed RESTful APIs that managed user authentication, data processing, and interfaced with third-party services like ABDM using Express.js, Node.js and MongoDB. Documented all APIs following the OpenAPI specification using Swagger.
- Efficiently refactored the authentication APIs **on the same day** when ABDM APIs were updated and worked with multiple callback servers to concurrently update hospital and user databases.

PROJECTS

Expense Tracker [🔗](#) | Next.js, ChartJS, TailwindCSS, Postgres, Amazon S3

Jun 2024 – Present

- Developed an expense tracker dashboard where users can add expenses with receipts and dashboard providing insights and analytics.

Python Hunt [🔗](#) | Django, HTML, CSS, Javascript, Postgres

Sep 2023 – Present

- Led the development and deployment of this website as a lead developer, fostering open-source contributions. During Hacktoberfest 2023, I actively reviewed and approved over **10+ pull requests** as a maintainer.

Task Planner Website [🔗](#) | Django, HTML, CSS, Javascript, MySQL

Dec 2022

- Designed and developed a task planner website, using HTML, CSS, and Bootstrap to create a user-friendly interface and developed RESTful API endpoints using Django REST Framework for CRUD operations.

ACHIEVEMENTS AND AWARDS

AWS Solutions Architect Associate (SAA-C03) | [View certificate](#)

Jun 2024

Merit Scholarship | VIT Vellore

2021 – 2024

- Awarded the Merit scholarship award for **three consecutive academic years** for consistent and exceptional academic performance. Secured **second rank** in my department for **two consecutive years**.

A Comparative Analysis Of Deep Learning For Remaining Useful Life Estimation

May 2024

roboVITics | Lead and Core committee member

Mar 2023 – Feb 2024

- Led and coordinated a team of web developers for the creation of the **Vortex360 website**, while simultaneously collaborating with events team for **Robowars and Vortex360**. Additionally, provided **mentorship to junior developers** and spearheaded the documentation team in drafting marketing content and technical documents.

TECHNICAL SKILLS

- Languages:** Python, Java, C, C++, JavaScript
- Full stack technologies:** NextJS, ReactJS, ExpressJS, Redux, Django, Bootstrap, jQuery, TailwindCSS
- Databases:** PostgreSQL, MongoDB, Firebase, MySQL, Amazon DynamoDB
- Developer Tools:** Git, GitHub, Packet Tracer, Linux, Docker, VS Code, QT Creator, Jupyter Notebook, AWS
- Soft Skills:** Communication, Project management, Problem-solving, Teamwork, Leadership