

Jithish Kumar S

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🔗 <https://jithishkumar410.github.io/portfolio/>

EDUCATION

Electrical and Electronics Engineering,
Chennai Institute of Technology

2021 – 2025 | CGPA:- 8.05

PROFESSIONAL EXPERIENCE

Web developer, Freelancer

Sep 2023 – Oct 2023

- Created a visually captivating 6-page website for Nian Drives Controls, prioritizing enhanced user interaction.
- Collaborated closely with the client, showcasing a deep understanding of their business needs, and received payment for the delivered work.
- Conducted rigorous testing to ensure optimal performance, leading to increased business for Nian Drives Controls and enhanced brand value resulting from the seamless user experience.

Web designer Intern, Festa Solar

Jun 2023 – Jul 2023

- Completed a 42-day web design internship at Festa Solar, enhancing online presence and gaining insights into sales and management.
- Acquired solar systems expertise and hands-on experience in React, HTML, CSS, and JavaScript.
- Contributed to design and functionality aligned with company goals.

SKILLS

Python | Golang | Javascript | C | C++ | HTML/CSS | Tailwind CSS | ReactJS | NextJS | Django
Express | MySQL | Mongo DB | GIT | Prisma | Docker | Full Stack Development

ACHIVEMENTS

- Secured winner position among 19 teams at the Sociotech Hackathon by StartupTN, CTS, KCR CAS, receiving a 10,000 cash prize.
- Led team to win the Greater Chennai Cyberhackathon 3.0 among 179 entries, securing a top 20 spot. Recognized for outstanding performance, earning a course by HebeSec Technologies.
- Smart India Hackathon Finalist, specialized in frontend development, Git, and effective team collaboration.
- Mastered 550+ problems on LeetCode, showcasing expertise in algorithmic thinking and data structures.
- Completed 1530+ problems on Skillrack, demonstrating a strong understanding of programming concepts.
- Achieved a 5-star rating on HackerRank in Python, highlighting advanced problem-solving skills.

PROJECTS

Drug Trafficking and Consumption Monitoring Portal

Jan 2024

- Developed a Drug Trafficking Monitoring Portal within a 24-hour hackathon using Django, MySQL, HTML/CSS, and JS, integrating TensorFlow and OpenCV for real-time face detection in surveillance.
- Secured the winner position with the award-winning police admin panel, featuring dynamic mapping, wanted list, and alert functionality, outshining 19 competing teams in the competition.
- Implemented machine learning for rapid identification of wanted criminals in surveillance footage, coupled with a user-friendly complaint page to encourage public participation.

Training Simulator

- Developed a training simulator for the Greater Chennai Cyberhackathon 3.0 using React for the user interface, Django for managing server-side operations, and MySQL for data storage. This project earned the prize for best performance from HebeSec Technologies.
- Implemented interactive features including video-based learning, Capture the Flag challenges, augmented reality, an online compiler, personalized user dashboards, and secure authentication mechanisms.
- Leveraged a tech stack comprising React, Django, and MySQL to ensure seamless integration and optimal performance for the project showcased at the SRM Institute of Science and Technology hackathon.

CERTIFICATES

Cisco Python Essentials 1 | Meta React basics | Django for Python Developers by Infosys

Meta Introduction to Front-End Development | IBM Developing Back-End Apps with Node.js and Express