

Satyam Kapri

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SUMMARY

I bring a versatile skill set encompassing proficiency in C++ and JavaScript, adept problem-solving with data structures and algorithms, and hands-on experience in web development. Eager to apply these skills to impactful real-world projects.

PROJECTS

WHATSAPP CLONE | WEB DEVELOPMENT

Project Link

- Implemented Node.js and MongoDB for backend functionalities, leveraging Socket.io for real-time communication, enhancing user experience with instant updates and interactive features.
- Used React.js for frontend development, ensuring seamless interaction with APIs for enhanced functionality.
- Deployed the application on Render cloud services to ensure simplicity, scalability, and reliability in deployment process.

EMAIL SERVICE WEBSITE | WEB DEVELOPMENT

Project Link

- Created a feature-rich email service website using Django, SQLite, and Redis for efficient scheduling of emails, further integrated OpenAI API for intelligent email content generation.
- Used HTML, CSS, and JavaScript for a dynamic and user-friendly frontend.

DETECTION OF AI GENERATED TEXT | MACHINE LEARNING

Project Link

- Developed a text analysis tool using ensemble learning, including logistic regression and SGD classifier for accurate detection of content generated by tools like ChatGPT, also employing metrics like perplexity and readability, that uses Hugging Face language models.
- Integrated the model to a website employing React.js for the frontend and Flask for the backend.

AVALANCHE GUARD | SMART INDIA HACKATHON

Project Link

- Created an innovative Avalanche Rescue Solution with a 6-member team, emphasizing victim detection post-avalanches.
- Also implemented ML and React.js for an intuitive avalanche prediction site, utilizing Google Maps API for precise location-based forecasts.

ACHIEVEMENTS

- Finalist of **Smart India Hackathon 2023**
- Highest global rank of 1400 out of 21000 in LeetCode contest.
- Certification on **Full Stack Web Development** from Udemy.

EDUCATION

GRAPHIC ERA HILL UNIVERSITY

Dehradun, Uttarakhand
BTECH CSE | 2021-25
CGPA : 8.3/10

KENDRIYA VIDYALAYA

Dehradun, Uttarakhand
INTERMEDIATE | 2020
Percentage: 92

KENDRIYA VIDYALAYA

Shivpuri, Madhya Pradesh
MATRICULATION | 2018
Percentage: 84

SKILLS

LANGUAGES

- C/C++ • JavaScript
- Java • Python

FRAMEWORKS/DATABASE

- React.js • Express.js
- Django
- SQL • MongoDB

DEVELOPER TOOLS

- VS Code
- Eclipse
- Google Collab

OTHERS

- HTML • CSS
- Git/Github • AWS
- Creativity • Collaboration
- Problem Solving • Adaptability

COURSEWORK

UNDERGRADUATE

Data Structures
OOPs
Machine Learning
Operating Systems
DBMS
Computer System Security

LINKS

LeetCode: [leetcode/satyamkapri](https://leetcode.com/satyamkapri)
Github: [github/satyamkapri](https://github.com/satyamkapri)
LinkedIn: [linkedin/satyamkapri](https://linkedin.com/satyamkapri)