

RAI GAURAV SANTOSH

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OBJECTIVE

Aspiring software engineer eager to contribute to world's new innovative solutions. Passionate about software development and problem-solving, with proficiency in Blockchain and web technologies. Seeking an opportunity to apply technical skills and grow in a dynamic work environment.

EDUCATION

- **B. Tech in Computer Engineering, CGPA – 7.54 equivalent to 70.40%, Government College of Engineering, Yavatmal.**
 - HSC in Science (Class 12th), Percentage - 75.23%, New English School & Jr, College, Vasai
 - SSC (Class 10th), Percentage – 84.40%, Om Children's Academy High School, Nalasopara.
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INTERNSHIP & EXPERIENCE

Research & Development Intern

Hopeberry

Jan 2023 – Feb 2023

- Conducted in-depth research on mental health solutions and skill-building programs to support youth empowerment.
 - Assisted in the development of educational course materials and workshop content for webinars and counselling sessions.
 - Collaborated with a team to analyse user engagement data and improve the effectiveness of online mental health services.
 - Contributed to designing cost-effective strategies to enhance accessibility and outreach of Hopeberry's services.
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PROJECTS

Decentralized Fund Management System for Indian Temple Using Blockchain

Currently

- Developing a blockchain-based system to ensure secure and transparent fund management for Indian temples.
- Implementing smart contracts to automate fund distribution and enhance accountability.
- Utilizing decentralized ledger technology to prevent fraud and unauthorized transactions.
- Ensuring data integrity and security while enabling efficient financial tracking for religious institutions.

Online Code Compiler Using Compilex Library

Feb 2024 – June 2024

- Developed an online code compiler leveraging the Compilex library to execute code in a secure and isolated environment.
- Supported multiple programming languages, enabling users to compile and run code efficiently.
- Implemented a real-time feedback system to display output and errors instantly.
- Enhanced performance and security by optimizing execution processes and sandboxing user input.

Alumni Connect

September 2023 – December 2023

- Developed a web-based platform to connect students with alumni for networking and mentorship opportunities.
 - Implemented user authentication and profile creation for alumni and students.
 - Integrated a job and internship board where alumni can post opportunities for students.
 - Built a real-time messaging system for direct communication between users.
 - Designed an event section for alumni meetups, webinars, and knowledge-sharing sessions.
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SKILLS

- **Programming Languages:** JavaScript, C++
 - **Frontend Technologies:** React.js, HTML, CSS, Next.js
 - **Core Technology:** Blockchain
 - **Databases:** MongoDB, SQL
 - **Authentication & Security:** JWT, OAuth
 - **Cloud & Hosting:** Firebase
 - **Version Control:** Git, GitHub
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ACHIEVEMENTS & EXTRACURRICULAR ACTIVITIES

- Founded and served as President of the college – wide Coding Club, leading initiatives to promote coding culture.
 - Organized multiple workshops on Basics of Ethical Hacking, educating students on cybersecurity fundamentals
 - Spearheaded various coding challenges and hands-on sessions to enhance programming skills among peers.
 - Actively engaged in mentoring students and fostering a collaborative learning environment.
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