

HAMSA C S

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OBJECTIVE

Curious and hands-on engineering graduate with a knack for Python, Java, and Blockchain. Ready to dive into new challenges and contribute to exciting projects while growing and learning along the way. Looking forward to making a real impact in a team that values innovation and collaboration.

TECHNICAL SKILLS

Languages: Python, Java, C, HTML, CSS, JavaScript, ReactJS, AngularJS, Django.

Databases: SQL, Blockchain.

Other Skills: Software testing, Machine learning.

Soft Skills: Public speaking, Effective communication, Problem solving, Adaptability, Collaboration and Team work.

EXPERIENCE

Freelancing

Freelance Software Developer

January 2024 – Present

Remote

- Designed and implemented a responsive website for a Bangalore-based construction firm, focusing on user engagement and seamless navigation.

PROJECTS

DEMOCRACHAIN

[Link](#)

- Developed a Blockchain-based Voting Application (Ethereum) that revolutionizes electoral processes by ensuring 100% transparent party funding and increasing voting transparency by 90%.
- Reduced electoral fraud by 50-80% and election costs by 40-60% through the implementation of immutable records and minimizing physical infrastructure needs.

MEDICAL PLANT DETECTION

[Link](#)

- Developing an advanced computer vision system using deep learning to automate the accurate detection and identification of medicinal plants, aiming for 90%+ accuracy in species classification.
- Engineered to support real-time processing, scalable for global datasets, and featuring an intuitive user interface integrated with botanical databases, enhancing usability and access.

COVID TESTING MANAGEMENT

[Link](#)

- Designed an efficient COVID testing management system, facilitating rapid scheduling and results delivery, enhancing user experience and operational speed.
- Integrated robust data analytics and scalable health systems, ensuring seamless interoperability and expanded system capacity for future needs.

PASSWORD MANAGER

[Link](#)

- Engineered a secure password manager app, enhancing data security across platforms including Windows, macOS, Linux, iOS, and Android.
- Implemented intuitive UI, robust password generation, and comprehensive audit trails, supporting over 95% device coverage across targeted platforms.

AWARDS & ACHIEVEMENTS

- Winner of National Level Hackathon: Developed a blockchain voting system prototype and also solving Electoral Bond Issue of India, demonstrating innovation and technical progress.
- Runner up, Matrix Abacus Competition: Demonstrated exceptional proficiency in mental arithmetic and problem-solving skills. Recognized for outstanding accuracy and speed in complex calculations.
- Selected for the Final Round of Flipkart Grid 6.0 Robotics Challenge, one of 300 teams shortlisted from over 17,000 teams.
- Runner-up in a photography competition, showcasing creativity and a keen eye for detail.
- Winner of a Mad Ads competition, demonstrating creativity, quick thinking, and strong presentation skills.
- Recognized as the best coordinator, successfully organizing branch events and activities for NSS.

EDUCATION

Adichunchanagiri Institute of Technology

Bachelor of Engineering in Information Science and Engineering;

Dec 2021 - Present

CGPA:9.0