SUSHRUTH RAO MURAKARE

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EXPERIENCE

Senior Developer, Tecnotree Convergence Private Limited, Bangalore, India   Sep 2023 - Jul 2024
- Contributed to developing a user-end mobile application by introducing major features and fixing bugs.
- Made the application stable by updating several deprecated libraries when initially joined the project.
- Successfully implemented detox library, an end-to-end automation testing eliminating the need for a tester.
- Made significant contributions by rapidly learning and adaptability, despite having the least experience.

Software Developer, **Tecnotree Convergence Private Limited,** Bangalore, India   Sep 2022 - Aug 2023
- Developed essential features for a user-end web application while actively addressing diverse issues from operational companies such as those in Ghana, South Sudan, Zambia, Kuwait, Oman, Zain Bahrain.
- Utilized GraphQL for consolidating multiple REST APIs throughout the application, eliminating redundant data for enhanced efficiency and improved performance.
- Implemented and maintained web protocols such as HTTP/HTTPS to ensure secure and reliable communication.
- Attained a **'Consistently Exceeds Expectations**' top rating (5 out of 5) from my manager, culminating in a well-deserved promotion.

Intern, Tecnotree Convergence Private Limited, Bangalore, India   Jan 2022 – Aug 2022
- Gained in-depth insights into core products, client operations, and their needs, bolstered by a **top 5 rank** in Industry-Ready Training, earned through strong internship performance and mentor commendation.
- This significantly contributed to securing my opportunity to join the Product Development Team.

Frontend Developer, Credental LLC, Utah, USA | Remote   Oct 2022 – Apr 2023
- Thrilled to have moonlighted as a frontend web developer for a US-based startup, Credental, collaborating with a team in Lehi, Utah.
- In about 6 months, I almost single-handedly built the front end from scratch, contributing significantly to the real-time app development during off-hours and weekends.
- This experience proved invaluable as a fresher, offering hands-on tech exposure and crucial skill building for success in software development.

Intern, VGS Software Solutions Private Limited, Mysore, India   Aug 2021 – Sep 2021
- During my pre-final year internship, I delved into cryptocurrency and blockchain fundamentals, gaining insights into concepts like blockchain architecture, hashing, mnemonic phrases, wallets, smart contracts.
- Developed a land registration project, enhancing my understanding of blockchain applications in real world.

EDUCATION

Visvesvaraya Technological University, Karnataka, India   Aug 2018 - Jul 2022
Bachelor of Engineering in Information Science, GPA: 3.27

TECHNICAL SKILLS

Languages: JavaScript, Python.
Databases: MySQL, MongoDB.
Web Development: ReactJS, NodeJS, GraphQL, TypeScript, Material UI, Tailwind CSS, HTML, CSS, Bootstrap.
Mobile Application Development: React Native, Native Base, React Native Paper.
Development Tools: VS Code, Android Studio, Apollo Playground, Jira, Git, Reactotron, Jenkins.

CONTRIBUTIONS

- **Guidance for Underprivileged Students**
  - Visited an underprivileged school to engage students in interactive sessions about modern technology. Provided personalized guidance and motivation aligned with their future goals.
- **Event Organization**
  - Organized e-sports tournaments during college events, fostering entertainment and team connections.
  - Planned an off-campus farewell party for seniors, showcasing event management.

VOLUNTEERING

- **IEEE Bangalore**
  - Managed transportation logistics for nearly 200 participants, including those unfamiliar with the city, by coordinating personalized routes based on their locations. Created an efficient route map, ensuring a seamless travel experience for attendees from diverse locations to the event venue.

ACADEMIC PROJECTS

Access control system with masked face recognition (Thesis Project)   Dec 2021 – Jul 2022
- Developed an access control system that recognizes faces even when partially covered, enhancing security for masked individuals.
- Used Python's face recognition library for identification and evaluated machine lmodels like MobileNetV2, VGG19, and ResNet50 for mask detection. Automated attendance logging through facial recognition for student tracking.
- Played a major role in implementing MaskTheFace, a script that detects facial features and applies masks to images, creating four variations from one original image using three types of masks.

Tonsorium Management System   Jun 2021 – Aug 2021
- Crafted a comprehensive salon services portal employing JavaScript for client-side functionality and PHP for server-side operations. This platform enables browsing and appointment booking, CRUD operations via a MySQL database, and seamless bill generation and delivery to customers.
- Customers benefited from reduced wait times and simplified service planning, while administrators effectively showcased and promoted salon services.
- Played a major role in designing the user interface, ensuring it was user-friendly and attractive to use.

Blockchain Application for Management of Land Document Registration   Sep 2021 – Oct 2021
- Led a blockchain-driven web app for land administration, curbing fraud and streamlining processes.
- This tech solution ensures data integrity, reducing conflicts and boosting economic growth by preventing unauthorized changes in records.

PUBLICATION

Access Control System with Masked Face Recognition   July 2022

International Research Journal of Modernization in Engineering Technology and Science (IRJMET)

TECHNICAL PRESENTATIONS

Nanorobots
- Conducted a detailed seminar on nanorobots in medicine, thoroughly examining research and discussing diverse applications, skillfully handling questions.
- Shared future predictions based on studies, encouraging interaction and displaying strong knowledge and communication abilities.

Figma
- Hosted an engaging seminar on Figma as part of the HCI subject, imparting insights into design and prototyping.
- Fostered a collaborative learning environment, guiding peers in hands-on webpage creation, showcasing a dedication to teaching and knowledge exchange.