Noida, UP
INDIA 201304

SURYANSH JAIN

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EMPLOYMENT

Software Engineer   **Samsung Research Institute, Delhi**   **June 2022 - Present**
- Developed an efficient end-to-end test suite with ReactJS (frontend) and Python (backend), reducing QA evaluation time on the latest TV platform, with test cases supporting over 250 applications.
- Engineered automation for critical functions across 350+ global applications with ReactJS and Python, realizing up to 70%-time savings and heightened operational efficiency.
- Conducted thorough defect reviews, bolstering compatibility across a spectrum of 350+ apps with the latest Tizen platform and ensuring TV platform quality.

Developer   **Standard Chartered GBS**   **Aug 2021 – May 2022**
- Played a key role in developing a Blockchain-on-demand tool by integrating industry-standard smart contracts into the application, utilizing a tech stack of JavaScript, Python, and Solidity.
- Developed a Python package to streamline access to diverse blockchain management functionalities through a single, intuitive command.
- Conducted thorough product reviews for prominent Distributed Ledger Technology (DLT) projects, extracting valuable insights.

LANGUAGES AND TECHNOLOGIES

Programming Languages - Python, JavaScript, TypeScript, Solidity
Tools and Libraries - ReactJS, Flask, Redux, Tailwind CSS, Git, Regex, pyTest
Database - MySQL, MongoDB

EDUCATION

Vellore, TN, India   **Vellore Institute of Technology**   **July 2017 - May 2021**
- **B. Tech -** Electronics and Communication Engineering. **CGPA: 8.96/10**
- **Related coursework**: Data Structures and Algorithms, Database Management Systems, Problem Solving and Programming, Operating Systems, Computer Networks
- **Value Added Program** – Introduction to Software Engineering

TECHNICAL PROJECTS

Projects
- **AI-Enhanced Creative Gen SaaS Platform** - Developed an innovative AI SaaS platform using Next.js with creative workflows like Code Generation, Music Generation, Conversational AI, Video Generation and more. Implemented robust authentication and seamless payment integration.
- **Path Finding Algorithm Visualizer -** Developed an interactive webpage using React.js showcasing the visualization of various path-finding algorithms, enabling users to observe their functionalities in real-time. Implemented features for users to select start and end points, as well as add obstacles along the path.

ADDITIONAL EXPERIENCE AND AWARDS

- **Publication:** Music Information Retrieval (MIR) and Classification using Deep Learning
- **SPOT Award** for exceptional performance at Samsung, Delhi (2022, 2023).
- Won **best project award** in Standard Chartered Bank - GBS developer bootcamp. (2021)
- **Co-founder –** The Comedy Club, VIT (2018)
- **Vice-Captain** of the Futsal team for the Indo-Nepal Sports meet (2016).

LINKS

Portfolio | LinkedIn | GitHub

INTERESTS

Formula 1 | Blockchain | Travel | Tech Reviews & Documentaries