

SURYANSH JAIN

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[LinkedIn](#) ✦ [Portfolio](#) ✦ [Github](#)

EXPERIENCE

Samsung Research Institute Software Engineer

Delhi, India
June 2022 - Present

- Developed an intuitive UI for Tizen App Verification Suite. Implemented features to create custom test cases, real-time result tracking, and report uploads, resulting in a **40% increase** in adoption by QA teams.
- Built a resilient backend for Tizen App Verification suite. Added essential features to test application login, video playback and multitasking for over 250 Tizen web apps, **reducing certification time by 50%**.
- Designed an SQL database to efficiently store and access test cases and reports. Created and documented APIs to enable seamless integration and use of test cases and past reports across **5 teams**.
- Collaborated with global teams during a 45-day trip to **Samsung HQ in South Korea** to gather insights on latest Tizen platform, software upgrades, QA requirements, and plan future development initiatives.
- Designed UI for App Management System, implementing authentication, session management, and role-based access. Built backend features to manage the global availability of Tizen apps, **increasing efficiency by 75%**.
- Boosted developer engagement with **10+ third-party partners** (including Disney+, HBO) through technical consultations and API support. Collaborated with Hotstar team to implement Deeplink feature on Tizen.
- Tech Stack - ReactJs, JavaScript, Python, Flask, MySQL, Git

Standard Chartered GBS Developer

Bangalore, India
Aug 2021 - May 2022

- Integrated industry-standard smart contracts into a Blockchain-on-demand solution, adding features to simulate erroneous transactions and monitor gas usage, which resulted in a **10% increase** in test coverage.
- Developed an installable package enabling developers to access 10+ blockchain utilities with a single command.
- Tech Stack - JavaScript, Python, MySQL, Git, Solidity

SKILLS

Programming Languages	JavaScript, Python, Typescript, Solidity
Tools and Libraries	ReactJs, Next.js, Redux, Flask, Jest, Tailwind, Git, JIRA, Confluence
Database	MySQL, MongoDB

EDUCATION

Bachelor of Technology - VIT, Vellore Electronics and Communication Engineering

2017 - 2021
CGPA : 8.96/10

Value Added Program	Introduction to Software Engineering
Publication	Music Information Retrieval and Classification using Deep Learning (Publication)
Related Coursework	Object Oriented Programming, Database Management System, Computer Networks

PROJECTS

Path Finding Visualizer Devised an interactive web application using ReactJS for real-time visualization of 4 path finding algorithms. Enabled user selectable start/end points and customizable obstacles ([Try here](#)).

AI-Enhanced Creative Gen SaaS Platform - Designed an AI SaaS platform (Next.js) with 5 innovative workflows, leveraging openAI API for Code Generation, Conversational AI and replicate API for Music and Video generation. Implemented Stripe for payment processing and Clerk for user authentication ([Github](#)).