Karthik Varma
Senior Software
Development Engineer
in Test

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Experienced Senior Software Development Engineer in Test (SDET) with deep proficiency in QA methodologies for Web, Mobile, and Backend platforms. Specialising in the fast-paced domains of Fintech and Web3, I bring a keen eye for detail, ensuring software quality and robustness.

Work Experience

Hinge Health
Nov 2023 – Current

Senior SDET

Hinge Health is pioneering the world's most patient-centered Digital MSK Clinic and #1 in the US

- Primarily worked on the Web and API automation and increased the test coverage 200% using Cypress
- Responsible for setting up and maintaining test infrastructure for automation through CI
- Ideated and implemented multiple tech initiates such as consolidated test reporting, parallel execution of tests thus reducing the execution time from 6 hours to 1 hour.
- Onboarded, mentored and guided peers into test automation by providing regular feedback through regular 1on1 and PR code reviews
- Involved in the end-to-end lifecycle of SDLC and helped setup up better processes.

Flobiz (myBillBook)
Jun 2021 – Oct 2023

Senior SDET

FloBiz is India's first neo-business platform for small and medium businessmen across India

- Lead the creation, maintenance, and execution of test specifications, implementing a structured testing strategy to ensure timely, high-quality product and technology deployments.
- Developed internal applications using NodeJS, enhancing operational efficiency for Sales and Customer Support teams.
- Pioneered the foundation for Backend API automation, setting the standard for future automation efforts.
- Successfully reduced the production issues backlog by 159%, aligning team objectives with test strategies. Collaborated closely with Developers and Customer Support to ensure seamless communication and swift resolution of customer issues.
- Instituted a team process improvement, leading to a 1.23x efficiency boost for the QA team.
- Hired and scaled the team from 2 people to 8.

CoinDCX
Apr 2020 – Jun 2021

QA Automation Engineer

CoinDCX is India's largest and safest cryptocurrency exchange.

- Defining and designing test strategy and automation architecture from scratch at CoinDCX.
- Writing and executing tests for new features.
- Perform integrity and regression testing using a combination of manual and automated techniques.

Koinex
Jun 2018 – Mar 2019

Software Engineer Intern – QA

India's largest & most advanced digital assets exchange

- Worked on multiple internal projects.

Skills

Cypress	Playwright	Web Automation	API Automation	Typescript
NodeJS	Mobile App Testing	SQL & NoSQL	Test Management	REST APIs
AWS Certified	Git			