

Marpureddy Saswat

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SUMMARY

QA Engineer with 4 years of experience building automated test infrastructure for Web3 and SaaS products, and designing AI-powered QA agents that use LLM tool-use to generate, execute, and self-heal end-to-end tests.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Golang, Solidity

Frameworks and Libraries: Next.js, React, FastAPI, Shadcn, Zustand, Node.js, Express, Ethers.js/viem, Cypress, Playwright, Jest, Synpress, Maestro

Developer Tools: Git, Docker, Kubernetes, SQLite, SSE, Claude tool-use agents

EXPERIENCE

Upcover

March 2026 – Present

QA Engineer

Remote

- Built the **Dorian QA Agent**, a pipeline that converts **Jam** session recordings into structured, executable **Playwright** test intents using **Claude** and a semantic (testId/role/label) selector strategy.
- Implemented a self-healing locator engine with confidence scoring and AI vision/DOM fallback, plus real-time **SSE** run streaming and observability.

Polymarket

May 2026 – July 2026

QA Engineer (Contract)

Remote

- Built an AI-driven **E2E QA platform** for Polymarket's Web3 prediction-market app: a **Claude tool-use agent** (20 tools) drives Chrome via accessibility-tree refs, makes explicit pass/fail assertions, and streams results to a live **Next.js** dashboard over **SSE**.
- Built a fail-closed **CLOB** order-interception pipeline that verifies **EIP-712** signed orders against UI-captured trade intent via cryptographic signature recovery, independent of LLM judgment.

Kinnect

January 2026 – August 2026

QA Engineer (Contract)

Remote

- Built **QA Autopilot**, an intent-first QA automation platform (**FastAPI**, **Playwright**, **Next.js**) decoupling test intent from selector implementation, with a 3-tier self-healing locator engine (SQLite cache, smart cascade, Claude AI fallback) to cut flaky E2E failures.

Brahma.fi

August 2024 – December 2025

QA Engineer

Remote, India

- Sole **QA Engineer** for Brahma.fi's DeFi product suite; built the Web3 automation suite from scratch using **Synpress**, reaching **90%** automated coverage and cutting manual testing effort by **60%**.
- Automated E2E flows across **Console.Brahma.fi**, **Swype.fun**, and the **Morpho AI Agent** (**200+** scripts); containerized suites with **Docker/Kubernetes** and wired them into **CI/CD**, tracked via **Qase.io** and **Linear**.

NEAR Protocol

January 2024 – April 2024

QA Engineer (Contract)

Remote

- Manually tested the **BOS** and **MDAO** pages, resolving **100+** issues and cutting user-reported bugs from **50% to 5%**; added **Jest** unit tests fixing **40+** further issues.

Comviva

January 2022 – July 2024

Engineer

Bhubaneswar, India

- Achieved **95%** test coverage by developing **100+** **Cypress** UI automation scripts, and managed defect lifecycle through **JIRA**.

EDUCATION

IIIT Bhubaneswar

Bhubaneswar, India

Bachelor's Degree, Electronics and Telecommunication Engineering

2018 – 2022