

Santhosh Siva

Full-stack Engineer

[Phone - +91 9731127406](tel:+919731127406)

[Email - santhosh.siva.0a@gmail.com](mailto:santhosh.siva.0a@gmail.com)

[Linkedin - santhosh-siva-385ab018](https://www.linkedin.com/in/santhosh-siva-385ab018)

[Website - santhoshsiva.dev](https://santhoshsiva.dev)

Summary

Developed and implemented scalable web and mobile applications for **over 5 years** across startup and enterprise environments. Tackled challenges in B2C financial systems and B2B high-traffic platforms, focusing on delivering solutions that scale, simplify, and provide real value to users.

Work Experience

Whatfix

SDE-2

Nov 2023 - Present

- Spearheaded the design and implementation of a graph database system, unifying user interaction data streams to enhance data-driven decision-making capabilities.
- Engineered **Auto Capture**, an innovative no-code event tracking solution that automatically logs user interactions within web applications through a **browser extension** and **embed script** mode, eliminating the need for manual event tagging.
- Created and deployed CLI tools that significantly reduced setup and compile times for legacy GWT applications, improving development efficiency.
- Orchestrated the company-wide implementation and adoption of GitHub Copilot, driving a major initiative to boost developer productivity at Whatfix.

CoinSwitch

SDE-2

Apr 2022 - July 2023

- Spearheaded the design and launch of **Coinswitch Earn**, resulting in over 900 customers earning rewards on crypto holdings within the first week of beta release.
- Engineered the migration of critical client-side real-time computations to server-side processing using GraphQL Subscriptions, enhancing security and performance.
- Architected and implemented the **SDUI** (Server-Driven UI) system at Coinswitch, improving app flexibility and reducing update cycles.
- Established and deployed a comprehensive Test-Driven Development (TDD) environment, enabling the team to create robust unit and integration tests for both backend and frontend codebases.

CoinSwitch

SDE-1

Aug 2021 - Apr 2022

- Spearheaded the development and launch of multiple high-demand features, including **SIP**, **Limit orders**, **Riskometers**, **real-time price updates**, and **Candle charts**, enhancing user experience and platform functionality.
- Orchestrated the migration of unstructured JavaScript code to TypeScript, improving code maintainability and reducing errors.
- Authored comprehensive onboarding documentation for new developers, detailing complex trade execution flows and streamlining the integration process.

GuestTouch

SDE-1

Aug 2019 - Aug 2021

- Engineered an interactive website chatbot that served over 2,000 weekly hotel visitors, significantly improving customer service efficiency and query resolution.
- Designed and implemented a customizable **digital marketplace platform** enabling hotels to increase revenue through strategic upselling of premium products and services.
- Created a comprehensive digital menu and order-tracking system that was rapidly deployed across multiple US and EU hotels during the pandemic, enabling contactless service and business continuity during critical periods.

Skills

- **Languages**
Typescript, Javascript, Golang, Java, Python, Bash/ZSH, HTML/CSS/SCSS.
- **Frontend Frameworks**
ReactJS, ReactNative, AngularJS, NextJS, GWT.
- **Animation Frameworks**
React Spring, Framer Motion.
- **Backend Frameworks**
NodeJS, ExpressJS, GraphQL.
- **Testing Frameworks**
Playwright, Mocha, Jest.
- **OLAP Databases**
Clickhouse, Neo4J.
- **OLTP Databases**
Postgres, MongoDB, DynamoDB, Cassandra, Firestore.
- **Cloud Technologies**
Docker, Apache Kafka, Redis, Kubernetes.

Awards and Achievements

- Q4 2024 Performance: Received **Exceeded Expectations** tag at Whatfix.
- Q2 2024 Performance: Received **Exceeded Expectations** tag at Whatfix.
- Q1 2024 Performance: Received **Substantially Exceeded Expectations** tag at Whatfix.
- Hackathon 2023: **Honorable Mentions** at Coinswitch.
- 2022 Yearly Review: Promoted to **SDE-2** after receiving the **Exceeded Expectations** tag.
- Go Getter Award 2021: Earned the **Go Getter** award from CoinSwitch.