



## Satheesh Polu

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**Location:** Frankfurt am Main, Germany

**Portfolio:** <https://satheeshpolu.github.io>

**GitHub:** <https://github.com/satheeshpolu>

**LinkedIn:** <https://www.linkedin.com/in/satheesh-polu>

**Availability:** Available to **start immediately**

### Summary:

- 12 years of experience in building high-performance **Web** and **Mobile** applications.
- Skilled in modern **Architecture, Design System, Frontend** frameworks and **Backend** technologies.
- Experienced in leading **end-to-end** feature development, **managing releases**, and **mentoring** team.
- Strong believer in a clear **Definition of Done**, ensuring every feature meets functional, performance, and quality standards before release.
- Proven ability to work in **fast-paced, cross-functional** and **startup** environments.
- Strong **problem-solving** skills with both analytical and creative thinking.

### Skills:

– Frontend Frameworks & Libraries	<b>React 19, React Native, NextJS, Vue.js, Angular 19, TypeScript, Tailwind CSS, SEO, i18next, Python, Chakra/Material UI, JavaScript (ES6+), Pixijs, HTML5, CSS3, Bootstrap5, SAP UI5, RN Paper, Axios, ELK, EmberJS</b>
– State Management	<b>Zustand, React Query, Redux, React Context API, Vuex, Apollo Client,</b>
– Testing	<b>Jest (TDD), React Testing Library, Cypress (E2E), A/B testing, Experiments, Cucumber (BDD), QUnit</b>
– Backend & API Development	<b>NodeJS, ExpressJS, WebSockets, Java, SpringBoot, JWT, Ruby on Rails, RESTful APIs, GraphQL, MongoDB, MS-SQL, OAuth 2, CMS (Strapi)</b>
– Cloud & DevOps	<b>AWS (EC2, S3), Docker, Docker Compose, Kubernetes</b>
– Dev Tools & Debugging	<b>VSCode, React Native Debugger, Webpack, Vite, Xcode, Android Studio, Postman, Swagger, Advanced REST Client, Accessibility(a11y),</b>
– CI/CD & Version Control	<b>Git, GitHub, GitHub Actions, Vercel, GitLab, Jenkins, CircleCI</b>
– Design, Collaboration & Monitoring Tools	<b>Figma, Storybook, Design System, Sentry, Lighthouse, Fastlane, JIRA, Draw.io, App Store, Confluence, TestFlight, Google Play Console</b>
– Agile Methodologies	<b>Agile (Scrum), Kanban, SAFe 5</b>
– AI Tools	<b>ChatGPT, Perplexity, Gemini</b>

### Experience:

Frontend/Full Stack Engineer | CLARK GmbH

07/2022 – 08/2025 Frankfurt am Main, Germany

#### Project #1: International (DE/FR/IT) Swiss App and Core library development

- A Swiss-centric tax and insurance mobile app (ReactNative: **iOS** and **Android**) that enables users to upload tax documents and maximize their tax savings.
- Built **core components** for international applications, reducing frontend development time by **50%**.
- Worked closely with the **product owner, designers**, and **backend teams** to develop new features and enhance the user interface for improved usability.
- Managed the entire app **release lifecycle**, including publishing to the Apple App Store and Google Play Store.

#### Project #2: Clark Manage Insurance Application

- Improved documents page performance by **10%** by optimizing the UI and Backend codebase.
- Owned several UI modules and implemented **end-to-end** functionalities independently.

- Created Rake tasks and performed multiple **data migrations** to update over **2 million** products.
- Collaborated closely with stakeholders to plan and deliver major feature releases and resolved critical production issues.

## Senior Software Engineer | INFOBLOX

03/2021 – 05/2022 | Bangalore, India

### Project #1: Networking / SAFe Pilot and Athena UI App (SaaS)

- Led the restructuring of a **monolithic** application into **Micro Frontends** (uFEs) by using **Angular**.
- This product protects the networks anywhere and everywhere via **Infoblox Threat Defense system**, threat Intelligence, **advanced DNS Protection**, and Cybersecurity Ecosystem.
- It also coupled with **Reporting** and **Analytics**, provides the comprehensive monitoring and overview you need to make fast, accurate decisions.
- Implemented uFE schematics and **web components** by using Vanilla.js.

## Senior UI Developer | HARMAN

04/2016 – 03/2021 | Bangalore, India

### Project #1: Ventiv iVOS (Integrity Value Oak System)

- **Led a team of 3 engineers** while providing **mentorship** to junior developers. Refactored legacy application from scratch and resulting in **2x performance** improvement along with the enhanced user experience by using JQXWidgets, jQuery, JSP, Servlets, Java and SpringBoot.
- Worked on several user stories such as claim administration, policies, insurers, payments and different liability claims.

## Senior UI Developer | ARTECH INFO SYSTEMS

05/2015 – 03/2016 | Bangalore, India

### Project #1: Avaya SDN Healthcare App(Responsive Web Application)

- Led end-to-end product development from scratch and **mentored a team of four engineers**.
- Built a web and tablet-based admin platform to handle device activation, inventory management, and **digitize** patient reporting for healthcare ONA (Open Network Adapter) devices.
- Created **user interfaces** and **wireframes** in **Figma**, along with **UML** diagrams to illustrate use cases and sequence flows, effectively mapping system interactions and user journeys.

## Software Engineer | AVVAS INFOTECH

07/2013 – 03/2015 | Bangalore, India

### Project #1: Solutioning and Deployment Center (S & DC)

- Developed user interfaces using the SAP UI5 framework with a strong focus on accessibility (**a11y**).
- Implemented various features based on Model, View and Controller (**MVC**).

## Education:

07/2006 – 06/2010 | Hyderabad, India

- **Bachelor Of Technology** Electronics and Communication Engineering

## Certifications:

- **Advanced React:** Meta      **Redux:** SCRIMBA      **NodeJS and Vue JS:** Udemy

## Professional Achievements:

- **Recognized by CTO** For cross-team contributions and collaboration.
- **Bravo Award** In recognition of the successful launch(es) of the Avaya project.
- **1st runner up** (Hackathon) Customer Session Replay Feature.

## Languages:

- Languages **GERMAN** (A2), **ENGLISH**(Fluent), **TELUGU** (Native)