



# Satheesh Polu

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**Location:** Frankfurt am Main, Germany

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

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

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

**Earliest start date:** Immediate

## Summary:

- Software Engineer with 12+ years of experience building high-performance web and mobile apps.
- Expert in front-end and backend technologies with a proven track record of leading teams and delivering scalable solutions in fast-paced agile environments.
- Strong background in modern architecture and design systems, collaborating with design, product, and backend teams to deliver user centric solutions.

## Skills:

Frontend Frameworks & Core Web Libraries	React (18+), React Native, Vue (3), Angular (19+), Next.js, EmberJS, SAP UI5, HTML5, CSS3
State Management	Zustand, MobX, TanStack Query, Redux, React Context API, Vuex/Pinia, Apollo Client, RxJS
Testing	Vitest, Jest, E2E (Playwright /Cypress), React Testing Library, Detox, A/B testing, Experiments, Cucumber (BDD), QUnit
Backend & API Development	Node (Fastify/ExpressJS/Redis), Prisma, WebSockets, Ruby on Rails, RESTful APIs, GraphQL, MongoDB, MS-SQL, OAuth 2, JWT, CMS(Strapi), Java, SpringBoot
Data Visualization	D3.js, React Charts, Highcharts, Google Charts, Pixijs
Cloud & DevOps	AWS (EC2, S3), Docker, Docker Compose, Kubernetes, ELK
Dev Tools & Debugging	VSCode, React Native Debugger, Webpack, Vite, Xcode, Android Studio, Postman, Swagger, Accessibility (WCAG)
CI/CD & Version Control	Git, GitHub (Actions), Vercel, GitLab, Jenkins, CircleCI
Design, Collaboration & Monitoring Tools	Figma, Storybook, Design System, Sentry, Lighthouse, Fastlane, JIRA, Draw.io, Miro, App Store, Confluence, TestFlight, Google Play Console
Dev Environment	Agile (Scrum), Kanban, SAFe5
AI Tools	GitHub Copilot, ClaudeAI, ChatGPT

## Experience:

**Frontend Engineer** | CLARK GmbH

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

**Project #1: Tax and Insurance Mobile App** (Android & iOS) and Core Library Development

- Designed and implemented the architecture of a **React Native** mobile application from scratch, including scalable navigation, state management, custom hooks, and performance optimizations.
- Owned end-to-end Tax module development and integrated third-party services (Alletta) via WebView, documented the complete workflow for maintainability and onboarding.
- Built reusable core UI components for international applications, reducing frontend development time by 70% and significantly lowering development costs.
- Written and increased test coverage to 90% while delivering new features that improved product quality, reliability, and resolved critical production issues.
- Led end-to-end releases and Agile delivery, coordinated stakeholders, managed App Store and Play Store publishing, and facilitated Scrum ceremonies to ensure consistent, on-time delivery.

## **Project #2: Dein Versicherungsmanager (<https://www.clark.de>)**

- Built a **React** based responsive web application, developing modular UI components and independently delivering end-to-end features used by over 200K customers.
- Performed profiling to identify performance bottlenecks and improved page load times by 10% through UI and backend (Ruby on Rails) optimizations.
- Created Rake tasks and performed multiple data migrations to update over 2 million products.

## **Senior Software Engineer | INFOBLOX**

03/2021 – 05/2022 | Bangalore, India

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

- Restructured monolithic application into scalable Micro Frontends(uFEs) using **Angular**.
- Integrated custom **D3** chart library to enhance data visualization capabilities.
- Built reusable uFE schematics and web components using Vanilla.js for cross-application consistency.

## **Senior UI Developer | HARMAN**

04/2016 – 03/2021 | Bangalore, India

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

- Led a team of 3 engineers and mentored junior developers, supporting collaboration and skill growth.
- Refactored a legacy claims administration application, achieving a 2x performance improvement and enhanced user experience using **JQXWidgets** and **jQuery**, serving over **500K** customers.
- Built scalable **REST APIs** using Java, Spring Boot, and Servlets, and integrated it with different claim modules.

## **Senior UI Developer | ARTECH INFO SYSTEMS**

05/2015 – 03/2016 | Bangalore, India

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

- Led a team of 4 engineers and built a greenfield healthcare application using **Vue.js**, **Bootstrap**, and **Vuex**.
- Designed **UI/UX** wireframes in Figma and created UML diagrams to illustrate use cases, sequence flows, and user journeys.

## **Software Engineer | AVVAS INFOTECH**

07/2013 – 03/2015 | Bangalore, India

### **Project #1: Solution and Deployment Cockpit**

- Built internal CRM tools with **SAP UI5**, ensuring SEO compliance and **WCAG accessibility**.
- Developed dynamic charts and views (XML, JSON, HTML) and delivered features using the MVC architecture.

## **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 effective collaboration.
- Bravo Award : In recognition of the successful launch(es) of the Avaya project.
- 1st runner up (Hackathon) : Customer Session Replay Feature.

## **Languages:**

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