



Satheesh Polu

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Location: Frankfurt am Main, Germany

Earliest start date: Immediately

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

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

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

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. Extensive experience collaborating with cross-functional teams including design and product owners to deliver user centric solutions.

Skills:

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| Frontend Frameworks & Libraries | 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, EmberJS |
| State Management | Zustand, MobX, TanStack Query, Redux, React Context API, Vuex, Apollo Client, RxJS |
| Testing | Vitest, Jest, E2E (Playwright /Cypress), React Testing Library, Detox, A/B testing, Experiments, Cucumber (BDD), QUnit |
| Backend & API Development | Node, Prisma, Fastify, Neon, ExpressJS, WebSockets, JWT, Ruby on Rails, RESTful APIs, GraphQL, MongoDB, MS-SQL, OAuth 2, CMS (Strapi), Java, SpringBoot |
| Cloud & DevOps | AWS (EC2, S3), Docker, Docker Compose, Kubernetes, ELK |
| Dev Tools & Debugging | VSCode, React Native Debugger, Webpack, Vite, Xcode, Android Studio, Postman, Swagger, Advanced REST Client, Accessibility (WCAG), |
| CI/CD & Version Control | Git, GitHub, 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, SAFe 5 |
| AI Tools | GitHub Copilot, ChatGPT, ClaudeAI |

Experience:

Frontend/Backend Engineer | CLARK GmbH

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

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

- Built reusable core components for international apps, cutting frontend development time by 50%, and reducing development costs significantly.
- Increased test coverage to 85% while delivering new features that improved overall product quality, reliability, and resolved critical production issues.
- Owned end-to-end tax claims module development with third-party integrations (Alletta) using web view and documented the entire workflow.
- Managed complete release lifecycle from planning to publishing (App Store/Play Store) with stakeholder coordination.
- Moderated Scrum practices including standups, sprint planning, retrospectives, and internal demos to the higher management.

Project #2: CLARK | Dein Versicherungsmanager

- Performed profiling to identify performance bottlenecks and improved page load times by 10% through UI and backend (Ruby on Rails) optimizations.
- 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.

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 2x performance improvement and enhancing user experience using JQXWidgets and jQuery.
- 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/Tab 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 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)