



Satheesh Polu

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Location: Frankfurt am Main, Germany

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

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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 members to drive high-quality deliverables and continuous improvement.
- Proven ability to work in **fast-paced**, **cross-functional** environments.

Skills:

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

Experience:

Frontend/Full Stack Engineer | CLARK GmbH

07/2022 – Current | Frankfurt am Main, Germany

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

- A Swiss-centric tax and insurance mobile app (**iOS** and **Android**) that enables users to upload tax documents and maximize their tax savings. Developed custom wrappers around React Native Paper components to enhance UI flexibility and ensure **consistent design** across the application.
- 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.

- Performed the sprint owner duties and actively participated in the breakdown of user stories, and the effort estimations.

Senior Software Engineer | INFOBLOX

03/2021 – 05/2022 | Bangalore, India

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

- Proposed and led the restructuring of a monolithic application into **Micro Frontends** (uFEs).
- Created new uFE from scratch and worked with Devops team for the deployment configurations.
- 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)**

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

Senior UI Developer | ARTECH INFO SYSTEMS

05/2015 – 03/2016 | Bangalore, India

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

- Owned the end-to-end development of the product from scratch, **mentoring** and **supporting 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.
- Designed UML diagrams to illustrate use-cases and sequence flows, clearly mapping the system interactions and user journey scenarios.

Software Engineer | AVVAS INFOTECH

07/2013 – 03/2015 | Bangalore, India

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

- Developed UI by using SAP UI5 web framework and worked on different accessibility issues.
- 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

Awards:

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

Languages:

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