Satheesh Polu

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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.
- 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** 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**, **WebSockets**, **Java**, **SpringBoot**, **JWT**, **Ruby on Rails**, RESTful APIs, GraphQL, MongoDB, MS-SQL, OAuth 2, **CMS** (Strapi)
– 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**, **Fastlane**, JIRA, Draw.io, App Store, Confluence, TestFlight, Google Play Console
– Agile Methodologies	**Agile** (Scrum), Kanban, SAFe 5

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).
- This product protect your networks anywhere and everywhere via **Infoblox Threat Defense**, 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)**
- Refactored legacy application from scratch and resulting in **2x performance** improvement along with the enhanced user experience by using **JQXWidgets**, JSP, Servlets, **Java** and **SpringBoot**.
- 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**)