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** and **startup** environments.
- Strong **problem-solving** skills with both analytical and creative thinking.

Skills:

– Frontend Frameworks & Libraries	**React 19**, **React Native**, **NextJS, Vue.js**, **Angular 19**, **TypeScript**, **Tailwind CSS**, **SEO**, **i18next**, **Python**, **Chakra/Material UI**, JavaScript (**ES6+**), HTML5, CSS3, Bootstrap5, SAP UI5, RN Paper, Axios, ELK, EmberJS
– State Management	**Zustand**, **React Query**, Redux, React Context API, Vuex, Apollo Client,
– Testing	**Jest** (TDD), **React Testing Library**, **Cypress** (E2E), **A/B** testing, Experiments, Cucumber (BDD), QUnit
– 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**
– 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
– AI Tools	**ChatGPT**, **Perplexity**, **Gemini**

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 (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)**
- 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. **Led a 3-engineer team and mentored juniors.**

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.
- 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

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)