

Jangya Satapathy

Staff Software Engineer - Front-end Architecture & GenAI Integration

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Professional Summary

Staff Software Engineer focused on front-end architecture, accessible product interfaces, and GenAI-integrated advisory platforms. Over 10 years of experience from startup web applications built with jQuery and PHP through Apple consulting, SAP UI5 and Angular enterprise systems, Oracle Cloud UI, React/Zustand platforms, and AI/ML study at BITS Pilani.

Core Strengths

- Front-end architecture for complex product workflows, state management, performance, and accessibility.
- Enterprise UI delivery across React, Zustand, Angular, SAP UI5, Node.js, Docker, Kubernetes, and cloud-oriented systems.
- GenAI product integration with a practical focus on trust, debugging discipline, and human-in-the-loop UX.

Relevant Experience

Staff Software Engineer @ Edelman Financial Engines

Mar 2026 - Present // Bengaluru

Leading frontend architecture and GenAI integration at scale

- Architecting advisory platform experiences across React, Zustand, and modern frontend patterns.
- Shaping GenAI workflows where strong UI foundations, debugging discipline, and human-in-the-loop design matter.

Senior Software Engineer @ Edelman Financial Engines

Oct 2021 - Mar 2026 // Bengaluru

4.5 years shaping product frontend for a financial advisory platform

- Built and evolved client-facing financial advisory interfaces with a focus on reliability and clarity.
- Worked across complex product flows where state, data fetching, and user trust had to stay aligned.

Senior Member of Technical Staff @ Oracle

Jun 2021 - Oct 2021 // Bengaluru

Enterprise-grade frontend systems at Oracle Cloud

- Worked on enterprise UI systems for Oracle Cloud using framework-driven frontend architecture.
- Deepened understanding of distributed systems and the boundaries where frontend meets platform services.

Senior Developer @ SAP

Apr 2021 - Jun 2021 // Bengaluru

Senior developer track at SAP's Bengaluru engineering hub

- Built enterprise product UI with SAP UI5 and Angular-oriented application patterns.
- Worked around cloud delivery concerns including Node.js services, MongoDB, Docker, and Kubernetes.

Earlier Experience

Developer @ SAP

Jul 2018 - Apr 2021 // Bengaluru

2+ years building SAP product frontend systems

- Built product frontend systems with SAP UI5, Angular, and MEAN-stack concepts.
- Learned how enterprise frameworks abstract recurring product, accessibility, and integration problems.

Programmer Analyst @ Cognizant

Jun 2016 - Jul 2018 // Bengaluru

Consulted for Apple and built a stronger foundation in UI quality

- Worked as a consultant for Apple, gaining exposure to accessibility, design discipline, and performance expectations.
- Explored enterprise monoliths and Angular-era application structure while learning how production UI decisions scale.

Software Developer @ Adept Concept Private Limited

2014 - 2016 // Bhubaneswar

Early startup experience building web applications from raw fundamentals

- Built web applications with jQuery, PHP, HTML, CSS, and JavaScript.
- Learned browser behavior, DOM manipulation, and server-rendered workflows before modern frontend abstractions hid the details.

Selected Projects

Learning Artifacts - Interactive Learning Repository

A growing collection of small UI-based learning artifacts that turn technical concepts, experiments, and study notes into explorable single-page interfaces.

HTML, Learning Tools, Interactive Demos, GitHub Pages | <https://github.com/jangya/learning-artifacts>

jangya.github.io - Personal Portfolio

Luxury Expressive Minimalist portfolio built with Astro 7.x, Plain HTML and JavaScript.

Astro, HTML, JavaScript | <https://github.com/jangya/jangya.github.io>

astro-potflio-forge - Astro Portfolio Template

A lightweight Astro portfolio forge for shaping fast, content-driven personal sites with a minimal static-first setup.

Astro, Portfolio, Static Site | <https://github.com/jangya/astro-potflio-forge>

Skills

Primary: React, TypeScript, JavaScript, Node.js

Frontend: Angular, Astro, Tailwind, Redux, Mantine, SCSS

Emerging: GenAI, LLM Integration, Python, ML Pipelines

Platforms: Git, GitHub, Docker, Kubernetes, Jenkins, Firebase, Heroku, VSCode

Databases: MongoDB, MySQL

Education

M.Tech, AI/ML

BITS Pilani | 2024 - Present

WILP - Work Integrated Learning Program, 2nd Semester

B.Tech, Electronics & Communications

Biju Patnaik University of Technology | 2009 - 2013

Recognition

- Received SAP UX Engineering Excellence Award for exceeding expectations in 2020 Q1.
- DepBot placed in the top 10 among 200+ ideas in an internal SAP innovation competition.

Technical Point of View

The through-line in my work is abstraction: understanding what each generation of frontend tooling hides, what it exposes, and how that changes the debugging and architecture burden for engineers and users.

My AI/ML work is grounded in the same belief: if you cannot build it, you cannot truly debug it.