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SUMMARY

Software Engineer (3 Years) targeting **Full-Stack SDE Roles**. Proven 0-to-1 enterprise product delivery at **Oracle**. Core expertise in React.js, TypeScript, Java, and Spring Boot. Specialized in LLMs, Agentic Systems, Micro-Frontends, and Performance Optimization.

EXPERIENCE

Oracle

Software Developer

Hyderabad | Hybrid, Aug 2023 – Present

- Architected** a scalable micro-frontend architecture for the **Enterprise Management System (EM)**, utilizing **React.js** and **TypeScript**.
- Spearheaded** end-to-end delivery of a **0-to-1** enterprise product, driving architectural decisions for a 2-engineer team to onboard **5 enterprise customers**. [Release Notes](#) | [User Guide](#)
- Engineered 7** high-throughput RESTful APIs with **Java** and **Spring Boot**, enforcing **RBAC** security protocols and processing **3000+** daily transactions with **99.9%** uptime.
- Automated** a complex data ingestion pipeline leveraging **LLMs** and **vector databases**, employing the Model Context Protocol (MCP) to reduce manual entry time by **80%**.
- Optimized** state management across distributed UI modules by integrating **Vue.js** and **Pinia**, yielding a **40%** reduction in memory overhead and improving UI responsiveness.

SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, Java, C++, Python
Frontend: React (React.js), TypeScript, Vue (Vue.js), Redux, Pinia, Context API
Backend: Node.js, Java, Spring Boot, Helidon, REST APIs, SQL
Design: UI/UX Design, Tailwind CSS, HTML, Figma
Artificial Intelligence (AI / GenAI): Large Language Models (LLMs), Text Classification, Agentic Systems, MCP Servers
Cloud and Infrastructure: Linux, Git, Docker, Jenkins, CI/CD

PROJECTS

BetterPrompt

[Frontend Source Code](#) | [Backend Source Code](#)

- Conceptualized** an AI-driven browser extension to intercept and refine user prompts in real-time, leveraging **LLMs** to improve prompt efficacy scores by **20%**.
- Developed** a highly responsive frontend utilizing **TypeScript** and Chrome APIs, achieving sub-[Y]ms latency for real-time state synchronization.
- Integrated 3 Node.js** microservices to manage high-concurrency LLM requests, implementing **vector databases** for efficient prompt retrieval and contextual caching.
- Designed** a scalable scoring pipeline with **5** specialized few-shot strategies, reducing prompt evaluation time by **10%** across GPT and LLaMA models.

No Noise LinkedIn

[Source Code](#) | [Chrome Web Store Link](#)

- Built** a **React.js** micro-frontend within the LinkedIn ecosystem, employing Shadow DOM encapsulation to guarantee **100%** CSS isolation.
- Scaled** the extension to **230+ weekly active users** with a **5.0 star rating**, driving a **30%** increase in user retention through refined rendering cycles.
- Accelerated** DOM mutation observers to power a high-performance filtering engine, successfully blocking **100%** of targeted elements with strict **<50ms** latency.
- Formulated** a privacy-first AI classification engine utilizing **LLMs**, achieving **92% accuracy** in spam detection without compromising client-side performance. ([POC Link](#))
- Streamlined** a seamless configuration UI, decreasing user onboarding time by **60%** and simplifying customized filtering preferences.

EDUCATION AND RESEARCH

B.Tech in Computer Science Engineering

Amrita School of Computing

Bangalore, Aug 2019 – Aug 2023

- Published **1 Research Paper** titled "*Proof of Trust in Expertise (PoTE): A Consensus Mechanism for Healthcare based Consortium Blockchains*". ([Paper Abstract](#) | [Source Code](#))
- Graduated with **First Class with Distinction (8.2/10 CGPA)**