Harsh Patel hypharsh@gmail.com | github.com/harsh071 | linkedin.com/in/harshp071 | 204-590-6708

PROFESSIONAL SUMMARY

Senior Frontend Engineer with 5+ years building scalable web applications and 2+ years developing AI/LLM integrations. Proven track record of delivering performance improvements, architecting systems serving over a million daily users, and driving AI adoption across engineering teams. Expert in modern frontend frameworks, LLM pipeline architecture, and cross-functional technical leadership.

TECHNICAL SKILLS

Frontend: React, Angular, Next.js, TypeScript, JavaScript, Redux, GraphQL, RxJS, HTML5/CSS/Sass, Tailwind CSS
AI/ML: LLM Pipeline Architecture, Multi-Agent Systems, LangGraph, OpenRouter, Hugging Face, RAG
Backend: Node.js, Python, RESTful APIs, WebSocket, Gemini API, Claude API
Tools: Docker, AWS, Webpack/Vite, Jest, Cypress, Storybook, Datadog, GitHub Actions, CI/CD

WORK EXPERIENCE

Senior Frontend Engineer | Motive | May 2022 - Present

Leadership and Cross-functional Impact
- Increased AI code acceptance rate from **12%** to **37**% across the frontend team by introducing structured instruction files for Copilot and Figma MCP-based review workflows
- **Led AI productivity initiatives** and talks across team along with integrating LLM-powered tools and workflows, increasing team velocity by 35% and reducing development cycle time by 30%
- Created documentation and tutorials that empower team to independently integrate AI into development

Documents AI Platform
- **Architected AI document processing** with dynamic LLM pipeline integration handling **20M+** documents
- Built modular **Angular** components with real-time AI processing and document quality analysis enabling intelligent document analysis and extraction
- Reduced document processing errors by **37**% through improved validation, quality analysis and error handling
- Implemented comprehensive **Datadog** and **Pendo analytics** for real-time performance tracking and alerting

Driver Profile System
- Delivered end-to-end redesign serving **120k +** daily users, achieving 16x performance boost (**5s to 300ms LCP**)
- Increased page traffic by **30%** through UX improvements and performance optimizations
- Implemented real-time Datadog monitoring, providing important telemetry for downtime, RCA and alerting

Audit Logs V2
- Achieved **4x** faster page loads by refactoring data structures and optimizing render cycles
- Optimized frontend audit log performance, cutting memory footprint by **60**% via efficient data structure refactoring and processing pipeline redesign

Frontend Developer | **LotLinx** | **Jan 2020 - May 2020, Dec 2021 - May 2022** | **React, JavaScript**
Software Developer | **Priceline** | **May 2021 - Aug 2021** | **Next.js, Typescript, Storybook.js**
Software Developer | **Canada Life** | **Sept 2020 - Dec 2020** | **Java Spring, React, JavaScript**
Education: Bachelor of Computer Science Honours (Co-op) | **Jan 2017 - Apr 2022** | **University of Manitoba**

TECHNICAL PROJECTS

AI-NG | No-Code Angular Generator
- Developed **multi-agent system** using for autonomous Angular code generation with RAG vectorization, web search capabilities, and StackBlitz integration for real-time compilation with a 95% success rate. Utilizes Claude Sonnet 4.5 and GPT-5.

Agent Marketplace | AI Agent Platform
- Built visual canvas builder for **agent workflows** (OpenAI AgentKit - style), marketplace for flexble AI capabilities, and AutoGPT-inspired protocol for **cross-agent communication**. Integrated **OpenRouter** supporting 50+ LLMs