



# Abdullah Abbasi

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## PROFESSIONAL SUMMARY

Senior Frontend Engineer with 14+ years of experience architecting and scaling high-traffic consumer web platforms at eBay, Yahoo, and Apple. Leads performance-critical rendering systems and modular UI architectures powering large-scale browse and navigation experiences. Delivered measurable engagement and latency improvements while establishing scalable frontend platform standards. Architected NexusAI, a production AI-powered module generation system that reduced development cycles from days to minutes by embedding conversational workflows directly into frontend platforms. Served as Scrum Master, strengthening execution discipline, sprint predictability, and roadmap delivery alignment. More Info - <https://www.abdullahabbasi.me/>

## SKILLS

- React JS / Redux
- Javascript / ES6+
- AngularJS
- Responsive Design
- Javascript / Typescript
- React Native
- Java
- Node JS
- MarkoJS
- Webpack / Babel
- Accessibility
- SQL / Postgress
- Web Accessibility
- Langgraph / Langchain

## WORK HISTORY

### SENIOR FRONTEND ENGINEER

10/2025 to CURRENT

#### EBay Inc | San Jose, CA

- Architected and led frontend development of NexusAI, a production AI-powered module generation system enabling engineering teams to generate modules via natural language.
- Designed interactive playground application for real-time module rendering.
- Integrated multi-agent orchestration with LLM services.
- Reduced module development time from days to minutes, accelerating experimentation velocity and reducing engineering dependency.

**Tech:** NodeJS, MarkoJS, JavaScript, AgentX (similar to langgraph)

### SENIOR FRONTEND ENGINEER | SCRUM MASTER

09/2021 to 09/2025

#### EBay Inc | San Jose, CA

- Architected and delivered All Filters experience on one of eBay's highest-traffic browse surfaces, enabling scalable buyer refinement across categories and improving browse-to-buy efficiency.
- Led Curated Visual Navigation A/B tests across desktop and mobile web, driving +11.9% to +18.7% lift in engagement and +10.0% to +17.3% increase in BBOWAC signals without harming downstream monetization.
- Delivered Parallels Module and executed reverse A/B validation, achieving ~11% CTR vs 0.2% legacy (~99% higher engagement) while maintaining funnel health.
- Built reusable frontend experimentation and arbitration framework enabling data-driven module placement and scalable merchandising optimization.
- Architected partial prerendering strategy for mWeb All Filters, reducing DOM nodes by 94% (820K → 52K) and JS heap by 88% (330MB → 39MB), eliminating iOS browser crashes and reducing overall memory pressure by 85–90%.
- Established modular rendering standards for filter and navigation components, influencing frontend architecture patterns across browse surfaces.

Tech Stack: NodeJS, MarkoJS, React, JavaScript (ES6+), REST APIs, Webpack, Jest, Playwright

## FOUNDER & ENGINEER – STOCKLELE.COM

### Side Project

<https://stocklele.com> - Live AI-Powered Financial Analysis Platform

- Designed and built an end-to-end stock analysis platform serving real users, surfacing high-growth industries and companies through structured financial and valuation frameworks.
- Architected scalable React frontend with modular dashboards and dynamic data visualization components for growth, profitability, and risk analysis.
- Implemented a multi-agent AI architecture using LangChain and LangGraph, comprising specialized valuation, risk, profitability, and moat agents coordinated by an orchestrator agent to synthesize structured investment recommendations.
- Owned full product lifecycle including system architecture, backend services, database modeling, deployment, and iterative improvements based on live user feedback.

**Tech Stack:** React, Python, PostgreSQL, Multi-Agent Architecture, LangChain, LangGraph.

## SOFTWARE APPS DEVELOPER | FULL STACK ENGINEER

03/2018 to 09/2021

### Yahoo | Sunnyvale, CA

- Led frontend development for My Accounts Dashboard and delivering scalable React-based platform architecture integrated with NodeJS and

Spring backend services.

- Architected migration of backend provisioning services from ActiveMQ to AWS SQS using Java/Spring, achieving zero downtime and no packet loss.
- Delivered Domain Control Panel and SSL applications using React and AngularJS, establishing structured frontend patterns and CI workflows.
- Developed a React Native mobile application (Dream Builder) and associated backend services deployed on AWS.

**Tech Stack:** React, Redux, AngularJS, React Native, NodeJS, Express, Java, Spring, AWS (SQS), ActiveMQ, REST API

## FRONTEND ENGINEER

09/2014 to 03/2018

### Apple | Sunnyvale, CA

- Designed and implemented internal web portals supporting Apple Payment Systems and iTunes Gift Card operations.
- Built scalable UI systems integrated with Spring and Play-based backend services.
- Partnered with operations and UX teams to translate complex workflow requirements into performant, maintainable applications.

**Tech Stack:** AngularJS, NodeJS, Spring, Play Framework, Mysql, D3, HTML/CSS

## TECHNOLOGY ANALYST

08/2012 to 03/2014

### Infosys Ltd. | Sunnyvale, CA

- Developed customer-facing web applications using JavaScript-based frontend architectures integrated with Java backend services.
- Built mobile web and Windows 8 applications as part of enterprise modernization initiatives.
- Integrated frontend applications with REST APIs and SQL-based data systems supporting transactional workflows.

**Tech Stack:** JavaScript, SQL, Java, REST APIs, Mobile Application Development, Windows 8.

## EDUCATION

**Bachelor of Engineering | Computer Science**

2011

**Mumbai University, Mumbai, MH, India**

## CERTIFICATIONS

Microsoft Specialist: Programming in HTML5 with JavaScript and CSS3  
Microsoft Certified Solutions Developer: Windows Store Apps using HTML5  
Web accessibility Technical Training by Apple

## ACCOMPLISHMENTS



**Spotlight Award** at Verizon (Yahoo)

**Stellar Contribution** in Digital Experience at Infosys Ltd.

**Silver Medal in DCSIT** (computer science)