

# ABDULLAH ABBASI

Sunnyvale, CA 94086 | 619-773-5739 | abduallahabbasi98@gmail.com

## Professional Summary

**Senior Frontend Engineer with 14+ years of experience** building and scaling high-traffic consumer web platforms at **eBay**, **Yahoo**, and **Apple**. Specialized in performance-optimized UI architecture and modern JavaScript frameworks including React, Angular, and TypeScript.

Architected **NexusAI**, an AI-powered module generation platform that reduced frontend development cycles from days to minutes. **Led scrum teams to improve engineering execution, sprint predictability, and cross-team delivery alignment.**

Portfolio: <https://www.abduallahabbasi.me>

## Skills

- **Frontend:** React, Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, LESS, Responsive Design, Node.js
- **Web Standards:** Accessibility (WCAG), SEO Optimization, Semantic HTML
- **APIs & Integration:** REST APIs, GraphQL, API Integration
- **DevOps & Tools:** Git, CI/CD, Jenkins
- **AI & Emerging Technologies:** AI Agent Systems, LangChain, LangGraph, LLM Integrations
- **Frontend Architecture:** Component-Based Architecture, Design Systems, Micro-Frontends, Server-Side Rendering (SSR), Web Performance Optimization
- **Frameworks & Libraries:** Redux, Webpack, Babel
- **Testing:** Jest, Playwright, Unit Testing, End-to-End Testing
- **Performance Optimization:** Core Web Vitals, Lazy Loading, Code Splitting, Bundle Optimization
- **Agile & Collaboration:** Scrum Leadership, Jira, Cross-Functional Collaboration

## Work History

### Senior Frontend Engineer | Scrum Master

EBay Inc

Aug 2021 - Current

San Jose, CA

- **Architected and delivered the All Filters platform** on one of eBay's highest-traffic browse surfaces, enabling scalable buyer refinement across categories and improving browse-to-buy efficiency for **millions of users**.
- **Led Curated Visual Navigation A/B experiments** across desktop and mobile web, driving **+11.9%–18.7% engagement lift** and **+10.0%–17.3% improvement in buyer conversion**

**signals** while maintaining downstream monetization performance.

- **Delivered the Parallels merchandising module** and implemented reverse A/B validation, achieving **~11% CTR vs 0.2% legacy (~99% engagement improvement)** and validating scalable module experimentation strategies across browse surfaces.
- **Architected frontend performance improvements for mWeb browse**, including a **partial prerendering strategy** that reduced **DOM nodes by 94% (820K → 52K)** and **JS heap by 88% (330MB → 39MB)**, eliminating iOS browser crashes and reducing memory pressure by **85–90%**.
- **Architected and led development of NexusAI**, an internal **AI-powered module generation platform** with an interactive playground for **real-time UI generation**, powered by **LLM-driven multi-agent orchestration (AgentX)** that reduced module development cycles from **days to minutes**.

**Tech:** NodeJS, MarkoJS, React, JavaScript (ES6+), REST APIs, AgentX (Multi-Agent Framework), Webpack, Jest, Playwright

## Founder & Engineer – Stocklele.com

Independent Project

<https://stocklele.com>

- **Designed and built Stocklele**, a live AI-powered financial analysis platform that identifies high-growth industries and companies using structured valuation, profitability, and risk frameworks for retail investors.
- **Architected a scalable React-based analytics dashboard**, building modular data visualization components to analyze growth, profitability, risk, and valuation metrics across publicly traded companies.
- **Implemented a multi-agent AI system using LangChain and LangGraph**, coordinating specialized valuation, risk, profitability, and moat analysis agents through an orchestrator agent to generate structured investment insights.
- **Developed backend financial data pipelines and database models** using Python and PostgreSQL to ingest, process, and analyze large-scale financial datasets for real-time platform insights.
- **Owned the full product lifecycle**, including system architecture, AI agent orchestration, backend services, frontend development, deployment, and continuous iteration based on live user feedback.

**Tech:** React, Python, PostgreSQL, LangChain, LangGraph, Multi-Agent Systems, Financial Data APIs

## Software Apps Developer | Full Stack Engineer

Aug 2018 - Sep 2021

Yahoo

Sunnyvale, CA

- **Led frontend development for the My Accounts Dashboard**, architecting a scalable **React-based platform** integrated with **NodeJS and Spring backend services** to support account management workflows.
- **Architected migration of backend provisioning services** from **ActiveMQ to AWS SQS** using **Java and Spring**, ensuring **zero downtime, reliable message delivery, and improved system scalability**.
- **Delivered Domain Control Panel and SSL management applications** using **React and AngularJS**, establishing reusable frontend patterns, structured component architecture, and **CI-**

**driven deployment workflows.**

- **Developed the Dream Builder mobile application** using **React Native** and implemented supporting **NodeJS backend services deployed on AWS**, enabling mobile access to core platform capabilities.

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

## Frontend Engineer

Oct 2014 - Aug 2018

Apple (Infosys)

Sunnyvale, CA

- **Designed and developed internal web platforms** supporting **Apple Payment Systems and iTunes Gift Card operations**, enabling secure and efficient management of financial workflows used by global operations teams.
- **Built scalable AngularJS-based UI systems** integrated with **Spring and Play backend services**, delivering responsive and maintainable applications for complex transaction and payment workflows.
- **Collaborated closely with operations and UX teams** to translate complex business processes into **high-performance, user-friendly interfaces**, improving operational efficiency and system usability.
- **Developed interactive data visualization dashboards using D3**, enabling operational insights into payment transactions and system performance.

**Tech:** AngularJS, NodeJS, Spring, Play Framework, MySQL, D3.js, HTML5, CSS3, REST APIs

## Technology Analyst

Aug 2012 - Oct 2014

Infosys Ltd.

Sunnyvale, CA

- **Developed customer-facing web applications** using **JavaScript-based frontend architectures** integrated with **Java backend services**, enabling scalable enterprise workflows and transactional systems.
- **Built responsive mobile web applications and Windows 8 apps** as part of enterprise modernization initiatives, expanding platform accessibility across devices.
- **Integrated frontend systems with REST APIs and SQL-based data services**, enabling reliable data exchange and supporting high-volume transactional workflows.

**Tech:** JavaScript, Java, SQL, REST APIs, Mobile Web 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)