

Andrew Huang

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Summary

I am a seasoned frontend engineer with 10 years of experience specializing in building intuitive user interfaces and component systems, as well as data science training that provides me with foundational knowledge to better collaborate with data teams. With expertise in modern JavaScript frameworks, UI/UX implementation, and performance optimization, I create accessible and engaging digital experiences. Committed to leveraging my technical expertise to advance climate solutions and sustainable innovation.

Skills

Frontend Development: Vue, React, TypeScript, JavaScript, HTML5, CSS3, Responsive Design

UI/UX Implementation: Component Systems, User Flow Optimization, Interface Design

Performance & Architecture: Lazy Loading, Web Vitals Optimization, Bundle Analysis

Complementary Knowledge: Python, SQL, Data Analysis, Data Visualization, Machine Learning

Tools & Methodologies: Agile, Git, CI/CD, Figma, Jira, Docker

Experience

Dotdash Meredith | Senior Software Engineer | 02/2020 - present | New York, NY

- **Led frontend architecture and development** for MyRecipes platform, achieving 15,000+ user registrations within first week by implementing modular component systems
- **Engineered data-driven user-generated content features** across multiple brands, enabling quantifiable user engagement metrics by creating an integrated ratings & reviews system with filtering and data visualization capabilities
- **Optimized web application performance by 25-30%** through implementing Core Web Vitals improvements, lazy loading techniques, and advanced bundle optimization, resulting in faster load times and improved user experience
- **Established reusable component libraries and design systems** that streamlined development across 20+ brand properties, reducing development time while ensuring consistent UI/UX implementation
- **Developed custom interactive web components** with responsive designs, enabling non-technical teams to build content that maintained performance and web accessibility standards
- **Mentored junior developers and championed best practices** while collaborating with cross-functional teams in agile environments, contributing to consistently high team performance metrics and improved code quality

Engine Digital | Front End Developer | 10/2017 - 02/2020 | New York, NY

- **Architected frontend solutions** for complex B2B platforms, implementing interactive product catalogs and data visualization components that transformed technical product information into intuitive user interfaces
- **Led frontend implementation** for a custom e-commerce platform redesign featuring interactive product catalogs and optimized user purchasing flows

- **Engineered accessible, cross-platform web applications**, prioritizing performance optimization, web accessibility standards, and responsive design principles across all client projects
- **Implemented test-driven methodologies** following BDD/Gherkin specifications, contributing to improved code quality and ensuring consistent behavior across different browsers and device environments
- **Collaborated with multidisciplinary teams** to translate complex design requirements into technical solutions, optimizing user flows and interface performance while maintaining stakeholder alignment throughout project lifecycles

Forbes Media | Front End Developer | 06/2015 - 10/2017 | Jersey City, NJ

- **Engineered data-rich interactive experiences** for flagship lists (e.g. Forbes 400, Forbes 30 Under 30), transforming complex datasets into engaging user interfaces while serving as main developer for multiple high-visibility projects
- **Created responsive visualizations and interactive elements** for branded content campaigns, effectively communicating complex narratives through animations and dynamic interfaces that improved audience engagement metrics
- **Developed Forbes Podcasts vertical** by designing a custom audio streaming platform with API integration, enhancing content accessibility and creating intuitive media consumption experiences
- **Optimized publishing platforms and implemented cross-browser components** using Angular and React frameworks, collaborating with cross-functional teams to enhance Forbes' high-traffic digital ecosystem

Education

Climatebase | Fellowship (Cohort 7) | 2025

- Topics: Energy, transportation, food & agriculture, nature-based solutions, carbon removal, built environment & adaptation, corporate sustainability, circular economy

TripleTen | Data Science Certification Program | 2024

- Topics: Python, exploratory data analysis, statistical data analysis, data visualization, SQL, machine learning models, supervised/unsupervised learning, time series analysis, computer vision

General Assembly | Web Development Immersive Program | 2015

- Topics: Ruby on Rails, JavaScript, Git, SQL, HTML, CSS, REST APIs

University of California, Santa Barbara | B.A. in Sociology | 2007