

# James Ming

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## PROFESSIONAL SUMMARY

Accomplished Senior Full-Stack Developer with 12+ years of experience in driving user engagement via cutting-edge UI/UX solutions. Pioneered an in-house UI library at Wreno, slashing development cycles by 60+ hours, and led implementation of 5 cross-platform applications at Confidant Health. Expert in Node.js, Express, AWS, and database management, with proven mentorship ability. Seeking a high-growth organization to leverage advanced skills and make an immediate impact.

## SKILLS

**Languages:** Python, JavaScript, TypeScript, HTML/CSS

**Frameworks/Libraries:** React, React Native, Next.js, Material UI, Bootstrap, Tailwind CSS, Redux, Vue.js, Express, Jest

**Tools/Technologies:** Node.js, GraphQL, MongoDB, PostgreSQL, AWS, Firebase, WebSocket, Playwright, Cypress

**Others:** Full-Stack Development, UI/UX Design & Optimization, Agile Project Management, Leadership/Team Management

## WORK EXPERIENCE

### Confidant Health

Jan 2023 - Present

Senior Full-Stack Developer

Washington, DC

- Led the full-stack development of 5 cross-platform applications using JavaScript, TypeScript, React, React Native, MUI, Node.js, Express, AWS, and GitHub.
- Ensured patient data protection by enforcing HIPAA-compliant security protocols; collaborated with healthcare professionals to refine system specifications and functionalities, enhancing user interface design and system performance.
- Reduced page load times by 30% by minifying CSS/JavaScript files, optimizing images, and enabling browser caching.

### Wreno

May 2022 - Dec 2022

Senior Front-End Developer

Montreal, QC

- Overhauled the client-facing user interface, transforming a multi-page layout into a single-page application (SPA), utilizing lazy loading and code-splitting, increasing session durations and user interaction rates by 10%.
- Spearheaded the creation of an in-house UI library, reducing monthly development cycles by 60+ hours by streamlining component reuse and standardizing front-end practices.
- Reduced user-reported bugs by 10% monthly by developing and implementing a unit testing infrastructure with Jest and establishing continuous integration workflows, resolving defects early in the development cycle.

### Campuswire

Feb 2020 - May 2022

Senior Web & Mobile Developer

Los Angeles, CA

- Developed an advanced online teaching and learning platform with LMS capabilities for course curation, multimedia content management, interactive Q&A forums, real-time communication, progress tracking, and performance analytics.
- Analyzed user behavior and conducted stakeholder interviews to refine software requirements, and adopted an Agile design strategy with iterative prototyping to expedite validation, completing the project 3 weeks ahead of schedule.
- Led the deployment and optimization of iOS and Android mobile apps, achieving 99.9% crash-free sessions.
- Implemented real-time messaging capabilities with custom JavaScript libraries, integrating WebSocket to reduce message delivery times by over 50% and enhance in-app communication.
- Delivered high-impact features for mobile and desktop platforms using JavaScript, TypeScript, Next.js, React, Redux, React Native, Node.js, and Firebase.

### Emtec Inc.

May 2017 - Jan 2020

Senior Frontend Engineer

Jacksonville, FL

- Developed cutting-edge financial services providing debt-as-a-service, expanding the company's portfolio in collaboration with product managers and back-end developers.
- Incorporated responsive design and accessibility standards into creative proposals, partnering with UX designers and project leads to drive innovation in the development process.
- Devised and implemented a front-end solution for a product recommendation engine, increasing user interaction time on the page by an average of 5 minutes, in collaboration with the data science team.
- Implemented a system of code reviews and bug fixes using GitLab's Merge Requests and automated testing, reducing technical debt by 30% within the first quarter, expediting new feature releases and improving code maintainability.
- Mentored a team of 3 junior front-end developers, focusing on React and documentation best practices, enhancing overall

code quality by 40% and reducing the onboarding time for new members.

## **Brandy Melville**

*Frontend Web Developer*

**Sep 2014 - Jan 2017**

*Los Angeles, CA*

- Boosted mobile traffic by 22% by implementing a responsive web design, enhancing site speed and user navigation.
- Increased website leads by 15% by creating dynamic web pages with JavaScript, TypeScript, React, and Redux in collaboration with 5 back-end developers.
- Managed the software workflow leveraging Scrum, increasing task success rate by 25%, enhanced code integration and reduced bug resolution time through iterative development, daily stand-up sessions, and sprint retrospectives.
- Developed user-focused features such as an interactive event calendar, real-time notifications, and a customizable dashboard for mobile and desktop platforms, utilizing HTML/CSS, JavaScript, TypeScript, React, and Redux.

## **SDG Information Co.**

*Software Engineer & Team Lead*

**Jan 2011 - Sep 2014**

*Shenzhen, China*

- Developed software solutions for cross-sector clients, expanding company market reach, utilizing JavaScript and Python.
- Directed a team of 5 developers, providing mentorship in Agile methodologies, test-driven development (TDD), and conducting code reviews using Git, reducing post-deployment bug fixes by 50% and accelerating the development cycle.
- Translated complex business logic into clear technical specifications, utilizing Unified Modeling Language (UML) diagrams and user stories, enhancing development execution speed and reducing stakeholder approval times.
- Led the design and execution of scalable web and mobile applications, prioritizing client needs, robust development, and skillful project management to deliver top-tier solutions.

## **PROJECTS**

### Campuswire

**Feb 2020 - May 2022**

- Created an interactive user dashboard for real-time data visualization to track consumer trends using JavaScript/Chart.js.
- Managed the online course lifecycle (creation, editing, deletion) and tracked progress/completion leveraging React.
- Integrated payment gateways using Stripe.js for course enrollment fees and subscription-based premium content.
- Implemented role-based access control in the LMS to manage user permissions with Node.js.

### Sivo

**May 2018 - Nov 2021**

- Built a debt-as-a-service platform for financial institutions using React, Node.js, and AWS.
- Developed credit scoring and risk assessment algorithms with loan approval/rejection workflows, and managed multi-currency transactions using third-party financial libraries.
- Implemented an automatic loan repayment system with scheduled processing and reminder notifications.
- Generated and visualized reports on loan performance and financial health using charts and graphs for portfolio analysis.

## **EDUCATION**

### **Shenzhen University**

*Bachelor of Computer Science*

**Mar 2006 - Jun 2010**

*Guangdong, China*

**Relevant Courses:** Software Development, Data Structures, Algorithms, Computer Systems, Programming Concepts

**Honors:** Academic Excellence Award (Top 10% of Class)