

ARIELLA VU

SENIOR SOFTWARE ENGINEER

◦ DETAILS ◦

📍 United States

◦ LINKS ◦

[GitHub](#)

[LinkedIn](#)

[Personal Website](#)

◦ SKILLS ◦

Javascript & Typescript

HTML5 & CSS

React & Redux

Chrome Extensions

Secure Web Development

Web3 / Ethereum Software

Ember.js

AngularJS

Node.js

React Native

Unit & Integration Testing

E2E Testing

Apps Script

Code Reviewing

Debugging

Regexes

Storybook

Sentry

A/B Testing

Analytic Platforms

◦ ENDORSEMENTS ◦

See

[LinkedIn Recommendations](#)



PROFILE

Ariella is a senior software engineer with 10+ years of experience across blockchain, CRM, and e-commerce industries. She specializes in building secure, enjoyable applications with React, Ember.js, Node.js, and modern web stacks. She has led complex refactors and architected large, scalable features that improve stability and user experience. Recognized for thorough code reviews that elevate team quality and product reliability.



EMPLOYMENT HISTORY

Senior Software Engineer || at MetaMask (Consensys) – Remote

January 2022 – September 2025

- Engineered an open-source, blockchain wallet for millions to engage with the Ethereum network
- Advanced React/React Native by creating reusable components, Storybook pages, and robust tests
- Architected UI/UX to securely display transactions aligned with complex technical specifications
- Deployed transaction simulation safeguards to inform users of risks and block malicious transactions
- Acted as security liaison, conducted in-depth research, and fixed high-impact security bugs
- Migrated the Web Extension to MV3 by engineering service workers and Node.js multiplex streams
- Diagnosed and resolved systemic BigNumber precision bugs, including a 7+ year defect
- Introduced a process to bootstrap dApps on mobile devices to test RPC methods w/ dynamic inputs
- Piloted confirmations redesign, refactoring 30+ modal-views and fixing long-standing UI defects
- Generated Ethereum smart contracts to test various JSON-RPC payloads
- Contributed to Ethereum Improvement Proposals (EIP) through code and documentation
- Hosted workshops, spoke on a panel, and mentored at hackathons and industry events
- Networked and initiated 10+ partnerships with external projects and companies

Senior Software Engineer at Copper CRM – San Francisco, CA & Remote

August 2016 – April 2021

- Led projects to deliver CRM features for an Ember.js application and chrome extension
- Fabricated an in-house, A/B testing tool as client-side lead
- Reduced the average execution time for loading 10,000+ items from 1250ms to 41ms
- Built a credit card detection algorithm, beta Google Workspace Add-on, and AMP emails
- Partnered with Google to launch a Google Workspace add-on through their Beta Program
- Integrated Google Tag Manager, Captora and Pendo Analytics
- Presented a tutorial on how to detect memory leaks from Chrome DevTools
- Orchestrated full-stack engineering discussions and received multiple hackathon awards

Software Engineer at Wayvia (formerly PriceSpider) – Irvine, CA

February 2015 – June 2016

- Architected and launched a MEAN stack analytics application in 4.5 months with two other engineers
- Pioneered SQL/NoSQL schemas, the AngularJS 1.x repo, APIs, and developer process improvements
- Developed 25+ "Where-to-Buy" widgets using HTML5/HTML, CSS3, and TypeScript/JavaScript
- Implemented jqxGrids, Highcharts, a country Highmap and custom HTML tables
- Conducted AngularJS developer meetings to share performance techniques and best practices
- Spearheaded a dynamic access control list feature for companies to manage user read/write access
- Established user login logic that prevented brute-force attacks
- Wrote web crawlers in C# and ASP.NET to parse store and product details from seller sites



EDUCATION

B.A.Sc. Computer Science, University of California, Davis

September 2010 — September 2014