

Michael Whitemore

Software Engineer

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Professional Summary

Developer with over 5 years experience with a focus on API design and web technologies. Expert in ensuring the delivery of quality software solutions across a wide variety of browsers and devices. Comfortable working with a remote team across multiple time zones.

Employment History

Vonage, San Francisco, CA – Software Engineer II

Aug 2019 – Jan 2025

- Implemented custom APIs for external customers
- Fostered cross-team collaboration across backend, big data, customer service, sales, product, and QA teams
- Resolved customer reported bugs across multiple browsers, operating systems, and devices
- Wrote unit and integration tests and designed manual tests for use by SDETs
- Wrote public facing documentation including user guides, version updates, and known issues

Selected Accomplishments

- Built client side captioning API: Implemented media and data channels and worked closely with backend architect on messaging protocols and testing
- Collaborated on Adaptive Media Routing feature: sessions would transition between Peer To Peer and media server routing based on number of participants and features used; feature saved thousands, improved performance for customers
- Designed and Implemented a suite of event based quality monitoring APIs including CPU performance, network type changes, and MOS heuristic

Skills

JavaScript, TypeScript, HTML, CSS, Node.js, Python, WebRTC, WebWorkers, WebSockets, Electron, Docker, Vite, Angular, React, Postgres, Google Cloud Platform, Express.js, Git, GitHub Actions, Google Cloud, Heroku, Cloudflare Workers, Java, MySQL, Elastic Search, Kibana, Jasmine, API Design, Testing (Unit, Integration, and End-to-End)

Education

UC Berkeley Extension — *Full Stack Certification*

Sep 2018 – Mar 2019

UC Berkeley — *Electrical Engineering and Computer Science*

Sep 2011 – May 2013

Links

[Github](#)

[LinkedIn](#)

[Personal Site](#)