



Francis Malone

Full-stack engineer with a focus on web technologies

Virginia, USA

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Key Skills

Languages and Tools **TypeScript/JavaScript, Go, React/React Native, Docker, K8s, Webpack, Cypress**
Databases **PostgreSQL, Redis, SQLite**
Cloud Providers **AWS, DigitalOcean, Fly.io**

Employment

- October 2020 - **Software Engineer III @ Morning Consult, LLC.**
March 2023
- Developed tooling for survey creation and fielding, deliverable generation, and data storage with React and Typescript, Node.js and Go, and AWS RDS and S3
 - Reduced labor hours in managing recurring surveys by 70% through bespoke user interfaces and application services for editing online surveys
 - Cut cross-team communication for coordinating survey fielding by 90% through process standardization and automation
 - Implemented UX improvements by reworking data-loading patterns, refining component composition, and reducing cumulative layout shifts
 - Developed test automation in Jest, Go, and Cypress used in CI/CD
 - Onboarded internal clients to new tooling and provided continued support and education
 - Mentored junior engineer through pair-programming and weekly check-ins
- September 2017 - **Senior Software Engineer @ Remine, LLC.**
September 2020
- Developed map-based features for searching, filtering, and editing property data with React and React Native, Node.js, and AWS RDS and S3
 - Prototyped and led delivery of React Native mobile apps and achieved parity with flagship web product in less than a year
 - Provided intern mentorship through pair-programming, task breakdown, and regular performance feedback
 - Worked closely with QA to ensure release quality and triage production issues
- January 2017 - **Software Consultant @ Captech Consulting, Inc.**
September 2017
- Released feature enhancements and patched issues on Java services for a global financial institution while leading scheduled deployments to ensure healthy delivery
 - Paired closely with analysts and QA to address service issues and update documentation
 - Onboarded new hires to project through pair programming and process documentation
- May 2016 - **Software Engineering Intern @ CapTech Consulting, LLC.**
August 2016
- Shipped internal content management system standardizing marketing media asset management and enabling collaborative asset aggregation workflows
- August 2015 - **Web Team Lead @ JMU Technology & Design**
December 2016
- Migrated University Union websites to new design and information architecture in WordPress using custom HTML, CSS, and PHP

Education

- August 2012 - **James Madison University**
December 2016
- Bachelor of Science, Computer Science
 - Bachelor of Science, Media Arts & Design - Interaction Design