**Justin Pettit**

Software Engineer in the San Francisco Bay Area  
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**Professional Technical Skills:**

React.js ReactJS specialist, React OOP, React with functional hooks, Javascript, Node.js, MongoDB, JIRA, Atlassian (technical document writing and project tracking agile), Azure, ESRI ArcGIS, Test Driven Development (Mocha/Chia/Jest and Selenium automated testing), GitHub and git versioning control, Contentful CMS. Trained in and familiarity with; SQL, Amazon Web Services Lambda CRON jobs, saltMQ/zeroMQ operations and the peripheral technologies needed to use these languages and services.

**Experience:**

**Academy of Motion Picture Arts and Sciences**

- Full Stack Web Developer

Engineer 2 - React, Javascript, Contenful

Aug 2022 - Present (San Francisco)

* I helped update their web technologies used for the Oscars event and transformed the frontend on three different applications to read from new Contentful data instead of hardcoded data. Using JavaScript, React, Contentful CMS, AWS Lambda CRON jobs in Node.js, server side rendering React front end and building custom email SDKs in javascript for the marketing team on the Salesforce Marketing Cloud. Assisted the salesforce team with their ampscript marketing campaign.

**Eagle Network Solutions** - Front End Web Developer

Engineer 2 - React, Javascript

May 2021 - Aug 2022 (San Francisco)

* Developed software for an API manager for the US Air Force
* Using React and Material UI, I prototyped, designed, tested and built the Administrative interface tool, for both managing and displaying front-end data, that controlled and maintained the APIs and their permissions
* Enabled the client to continue 3 rounds of funding for the project

**Dispatchr** - Full Stack Web Developer, San Francisco

Engineer 2/3 - React, JavaScript, Typescript, Node, Koa, MongoDB, PostgreSQL, ZMQ, Salt MQ, ESRI, AWS

Mar 2020 - May 2021 (San Francisco)

* Developed assembly software for enterprise dispatching and resource management tools for web applications
* Working in continuous integration design patterns, I built and tested features on the administrative user interface tool. This tool allowed the administrator the ability to build assembly applications with Schema and Taxonomy editors which I also designed and created
* Implemented a third party authorization/authentication AWS OAuth API services to meet ESRI standards, allowing us to access thousands of their clients
* Troubleshooting of our SQL data stream parser
* Designed and built the Layouts “pixel-per-pixel” for an app of ours on Android
* Lead the intern team of 2, and one offshore developer
* Assistant operations developer (devops)

**Dispatchr** - Web Developer Intern, San Francisco

Intern - React, JavaScript, Typescript, Node, Koa, ZMQ

Jan 2020 - Mar 2020 (San Francisco)

* Helped senior developers troubleshoot React bugs, while learning React on my own.
* Fixed React bugs from overseas devs
* First major integration and onboarding
* It only took a few days before they decided they wanted me on as a FTE Junior after my entry-ship/internship was completed and moved immediately to an engineer 2/3 and assistant (DevOps) operations engineer hybrid role

**JP Software Engineering** - Freelance BigCommerce Developer

Jan 2018 - Jan 2019 (San Francisco)

* Prototyping and Building personal and ecommerce websites and IoT setups for individuals and sole proprietorships.
* One successful entrepreneur is currently netting a profit of 60k/yr selling their product through a site I built

**Peterson Power** - Industrial Power Generation Equipment Technician

2005 - 2017 (San Francisco)

* 12 years building, repairing, maintaining, installing, testing, certifying diesel and natural gas heavy power generation equipment and infrastructure and IoT monitoring and controls (industrial and commercial generators, switchgear and power banks)
* Responsible for millions USD in equipment
* Liable for billions in assets the equipment protected
* On call 24/7
* A highly technical, high risk, high value job that required strict discipline, technical writing, and an incredible amount of technical troubleshooting skills

**WNT Design** - Journeyman Cabinet Maker

1998 - 2008 (San Francisco)

* Designed, planned, manufactured, fabricated, delivered, installed custom cabinets and finish carpentry
* Responsible for client retention by delegating and fixing mid and post project changes

**Education:**

**General Assembly**, full stack web development bootcamp

March 2019 - June 2019 (San Francisco)

* 12 week, full stack, hands-on, end-to-end bootcamp. A community of engineers, building fully functional industry standard web applications in both Ruby and Node. Using modern developer tools and open source resources, in collaboration with cross-functional teams, using RoR, MEN/MEAN stacks, we built projects using scrum and agile management tools, broadening and deepening our understanding of code and programming.

**Santa Rosa Junior College**, automotive and heavy equipment

2002 - 2003 (Santa Rosa)

* 3 A.S. degrees in Automotive repair, Heavy equipment tech (4.0 gpa)

**San Joaquin Delta College**, Caterpillar technology

2003 - 2005 (Stockton)

* A.S. for heavy equipment Caterpillar tech of the highest proficiency (4.0 gpa, top 0.1% CAT/ASE scores)