Joel Thiessen

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https://joelt.me

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Education

2003 - 2008 Southern Oregon University (Ashland, OR)

Certificates: Bachelors, Computer Science (GPA: 3.66), Certified Scrum Master (2015)

Awards: Outstanding Computer Science Student (2007), Rank of Eagle Scout (2002)

Coursework: Web Technologies, Advanced Databases, UNIX Sys Admin, Data Structures, C++/Java

Work Experience

2017 - 2019 **PostPerk** - *Technical Cofounder*

- Fully designed & developed Node+React+Firebase product, dashboard, testing & all related tooling for full automation of partnership platform for small-medium sized eCommerce companies.
- Constructed recommendation engine to customize offers based on key demographics & characteristics for all brand -> brand partnerships.
- Built APIs and integrations for 6+ eCommerce platforms, including Shopify, WooCommerce and Cratejoy.
- Implemented continuous deployment with robust automated testing utilizing Jest + CircleCI.
- Deployed & managed a small 3-node ELK stack using Docker for advanced analytics, data analysis, dashboarding & testing.

Leveraged Technologies: Node.js, React, Mobx, Google Cloud, Firebase + Firestore, Git, CircleCI, Docker, Elastic

2014 - 2016 **Nike** - *Senior Technical Lead*

- Operated in a leadership role for a small team of JavaScript engineers, managing tasks, designing architecture and fostering collaboration.
- Developed series of self-contained javascript modules communicating via native discrete events, to translate and deliver, from various sources, data into a real-time data pipeline.
- Engineered build pipeline with Jenkins/Docker to automate testing & processes for continuous deployment of several scripts/microservices in line with Agile methodologies.
- Constructed a series of APIs utilizing Node.js in an AWS cloud architecture, deploying lambda functions for data collection/translation, and exposing with API Gateway.
- Replaced 1,000s of lines of obsolete SiteCatalyst javascript code with ~400 lines of DRY, modular, readable code, vastly increasing reliability, maintainability and data integrity.
- Utilized Elastic Search stack with Kibana to create on-demand dashboarding reflecting data gathered via pipeline.

Leveraged Technologies: Node.js, JS, AWS Lambda, Git, API Gateway, React, Jenkins, Docker, Elastic, D3

2012 - 2014 **Aaxis Commerce** - *Technical Lead UI*

- Worked as consultant with major retailers such as **O'Reilly Auto**, **Quicksilver** and **Guitar Center** to implement Grunt-based tooling, modular dependency management and asynchronous script loading using RequireJS, the {less} preprocessor for CSS, caching techniques utilizing HTML5 localstorage, as well as extensive changes geared towards reducing requests and enhancing front-end performance.
- Engineered an automatic pupilary-distance measuring tool utilizing front-end technologies for a major online glasses retailer.

Leveraged Technologies: Node.js, JS, Gulp, Sass, Less, Angular, HTML5, CSS, SVN

For complete work experience & references please see my Linkedin profile

Projects

Indiegamer VR Created a mobile app for fun using just emerging technologies, supporting and launching simultaneously on iPhone and Android devices. Includes community features, real-time gaming data, push notifications, time zone sync, Steam Login and QR Code scanning to promote a gaming session.

Leveraged Technologies: React Native, JS, Redux, GraphQL, Node.js

Automated Andrew Yang Built a light-weight web app, paired with mobile app, as a Halloween experiment. This enabled those that navigated to my small web app to trigger audio that would play instantly from my mobile phone located in my costume pocket.

Leveraged Technologies: React Native, React, JS, Firebase, Realtime DB

Skills: (ninja): JavaScript, Node.js, React, React Native, Firebase, Firestore, Git, Linux, HTML5/Sass, Jest (proficient): Docker, Elastic, AWS, Mocha/Chai, GCP, GraphQL, MySQL, D3, Photoshop (familiar): Java, Python, C++, FastAI