Michael Klein

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TECHNICAL SKILLS

- **Proficient:** JavaScript, React.js, Node.js, Express, SQL, PostgreSQL, MySQL, SQLite, MongoDB, Mongoose, Firebase, Heroku, MaterialUI, SCSS, SASS, StyledComponents, Webpack, Restful API's, Microservices
- **Exposure:** Java, Python, C, GraphQL, Vue.js, C#, C++, Unity, UnrealEngine, Docker, Kubernetes

WORK EXPERIENCE

Apple via Apex Systems | Software Engineer | San Jose   06/2019 - 08/2021
- Created a new workflow for QA artists to improve productivity, using Node.js and gathering user stories, resulting in an improvement in project delivery speed by 466%.
- Implemented training program for QA artists and curated guides, using Quip, reducing training time by a factor of ~600% and turning employees from brand new to production ready.
- Improved quality and speed of our QA artists by designing new tools, using github tickets, eliminating 3rd Party programs and saving Apple $40k+ annually and also scaling the process by 2.5X.
- Managed a team of QA artists, using Github tickets and Quip, ensuring 15+ engineers delivered on over 60 mapped regions worldwide.

Caribbean Sailing Vacations | Full Stack Engineer | Remote   2/2019 - 06/2019
- Built an MVP prototype, using React frontend and a Mongo database connected with a Node.js RESTful API, resulting in the displaying of 150+ yachts under their umbrella company that were available for charter in the Caribbean.
- Educated yacht captains with custom white pages on our React App, using React, resulting in a decrease in their unbooked dates on their ship by 60%.
- Worked with a remote team of designers to deliver red-lined designs with Google Sketch to reduce the redundancy of components inside of the application.

RESO | Front End Engineer | San Francisco   10/2018 - 12/2018
- Migrated front end to a modern framework working off of microservices and compiled with webpack, using backbone.js, ReactRouter, and Redux, resulting in a reduced load time by a factor of 100X.
- Built a SCSS library to reduce redundancy in code, using SCSS, reducing turnaround time for advertising templates from 1.5 days to an hour or less and reducing redundancy in code by 2.5X.
- Streamlined UI design, using React, resulting in an increase in user retention by 45% and overall happiness of our users by 80%.

CINCH Sports | Front End Engineer | Remote   04/2018 -07/2018
- Architected application to modernize tech stack, using HTML, jQuery, and React.js, resulting in a higher retention rate of new users.
- Migrated old application to a single web application, using HTML, jQuery, and React.js, resulting in an increase in product engagement of 100%.

UC Berkeley Web Development Certification Program | Software Engineer | Berkeley   05/2017 - 10/2018
- Led and trained students through week-long project sprints, using MongoDB, Express, React and Node.js, resulting in over 200+ students achieving their certification.
- Went over all students' projects by debugging their codebases, using MongoDB, Express, React and Node.js, resulting in the creation of ~50 student projects and the removal of 1K+ bugs.

EDUCATION

Masters of Science in Computer Science, *Stevens Institute of Technology*   July 2022
Bachelors of Science in Video Game Art, *Full Sail University*   March 2012