MICHAEL SORENSEN
Full Stack Developer

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SKILLS

Typescript, Javascript, Node.js, React, React-Native, Electron, Angular, SQL, NoSQL, CI/CD, Java

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PROFESSIONAL EXPERIENCE

XIFIN   **San Diego, CA**

Process Automations Engineer / Node.js Engineer   **2021-Present**

- Worked with stakeholders to create vital process improvement applications
- Discovered key insight that allowed OSB and in-house customers to automate the largest source of billing errors
- Implemented typescript and ESM to restructure automation code reducing project development time by 50%
- Wrote scripts that combined have a lower estimate cost savings of $1,000,000 per year in manual data-entry

Selected Project Experience

- RPM Automations Framework | *Node.js + Typescript*
  - Designed a CLI application to optimize automation work and reduce code redundancies by 99%
  - Fully integrated splunk logging to maintain audit trail
- Scheduling Application (https://github.com/Mikkal24/scheduler) | *Electron + Angular*
  - Took the initiative in designing and developing my own open source tool that allows us to schedule 100+ automated tasks at regular intervals

1POINT21 INTERACTIVE   **San Diego, CA**

Web Developer   **2018-2021**

- Collaborated with the SEO, design and backend teams to create dozens of engaging interactive data experiences
- Automated website packaging & setup processes saving roughly 4 hours of dev time per website
- Conducted workshops to educate development team on git and github processes providing the advantage of version control

Selected Project Experience

- 1Point21 SEO Tools (https://tools.1point21interactive.com/) | *Postgres + Express.js + Angular + Typescript*
  - Designed and developed an inhouse tools suite utilized by the SEO and marketing teams to gather enhanced SEO analysis of various websites by utilizing in-house algorithms (over 100,000 search terms analyzed)
- Map Tool (https://www.1point21interactive.com/map-tool/) | *D3.js + Angular + Typescript*
  - Led the creation of an interactive map generator to allow the SEO team to create 500+ maps on their own reducing development time (~6 hours per map) thus reducing costs

DAYBREAK GAMES   **San Diego, CA**

Associate Web Developer   **2017-2018**

- Brought on as a technical support to reply to player help requests via email eventually became involved in creating a multitude of plugins, websites and a desktop application

Selected Project Experience

- Daybreak Games Help Site (https://help.daybreakgames.com/) | *Javascript + Handlebars + Zendesk CMS*
  - Rewrote the front end of the help site to be compatible with future updates and releases without the need for any additional development
- Daybreak Games Commands | *MySQL + React + Express.js*
  - Hosted a collection of all (over 10,000) console commands for all of Daybreak's games

EDUCATION

San Diego Mesa College   **San Diego, CA**
Associate in Science, Major in Computer Science   **2023**

UCSD Extension - Web Development Bootcamp   **San Diego, CA**
Certificate of Web Development   **2017**

OTHER ACHIEVEMENTS

First published app on google play store   **year 2023**
https://play.google.com/store/apps/details?id=com.swordensen.batterysaverchecklist&hl=en_US&gl=US

Medium Article Published by ITNext.io   **year 2022**
https://medium.com/itnext/how-to-avoid-npm-supply-chain-attacks-2fb8d7eab4d3

Placed top 10% in MIT's battlecode competition | *Java*   **year 2022**

Contributor to d3-zoom https://github.com/d3/d3-zoom   **year 2020**
Used by 123k+ packages and over 1.8 million weekly installs on npm