

# DANIEL MCKEON

## SENIOR SOFTWARE ENGINEER

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## EXPERIENCE

### Senior Software Engineer

Avalara

Seattle, WA  
Oct. 2020 to Current

- Drive adoption of Skylab design system from baseline 1 engineering team (<100 visits/day) to more than 2 dozen (>15,000 visits/day), evangelizing via public speaking and direct engagement with product/engineering teams
- Architect and implement incident response system using AWS Lambda-based monitoring and OpsGenie
- Develop back-end web platform modules and shared services (Node.js) to perform common functions such as authentication, analytics, and feature flagging
- Automate testing and deployment (CICD) using infrastructure-as-code (AWS/Terraform), shell scripting (bash), and AWS EC2 runners
- Manage quarterly planning, sprints (scrum/agile), and various other aspects of the software development lifecycle
- Provide mentorship via weekly 1:1s and pair programming

### JavaScript Engineer

Avalara

Seattle, WA  
June 2019 to Oct. 2020

- Architect and develop web standards-based design system compatible across Avalara's technical stack (React, Angular, Vue, Ember, and more)
- Earn web accessibility conformance certification (WCAG AA standard) for Skylab design system and publish resources to drive accessibility best practices across the organization
- Integrate Avalara internal shared services with UI components to perform essential Avalara/tax domain functions, expose a unified customer experience, and reduce duplicative UX Design and Engineering efforts
- Collaborate across numerous UX, product, and engineering teams to identify component needs and prioritize accordingly

### Software Engineer

ScribeWare

Seattle, WA  
July 2017 to June 2019

- Architect and implement features for professional service reporting application built on Electron utilizing Node.js back-end and React front-end written in TypeScript
- Build API in AWS Lambda using Serverless and Node.js for payment processing (Stripe), file uploads (S3), database operations (DynamoDB/CouchDB), and secure contract delivery and signing
- Interact with customers directly to provide customer service and identify impactful features

### Software Engineer

The Giving Group

Seattle, WA  
May 2017 to Current

- Develop front-end Angular UI for organization that enables nonprofit donations for donations groups and giving circles
- Build REST API (TypeScript/Node/Stripe/AWS Lambda/API Gateway) for both internal use and integrating other organizations with our application

### Project Manager/Web Developer

Cancer Research Connect

Seattle, WA  
Jan. 2016 to May 2017

- Built clinical trial search engine through self-teaching of Ruby on Rails, JavaScript, and related technologies
- Developed data-scraping algorithm utilizing federal government API to optimize process of collecting clinical studies, filtering to those relevant to project, and standardizing data
- Prepared complete project plan and managed design of all key marketing elements such as brand name, logo, and website
- Led development team in creating application that empowers people with cancer to access clinical trials through a searchable database using React front-end and Rails API

## EDUCATION

### Boston College

BA Economics/Psychology 2009