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Brady P Dowling

Experience

Software Development Engineer, Chewy Inc. (Pet Health)   Nov '19–Present
- Designed and implemented micro-frontend architecture for Pet Health teams to enable independent code ownership and deployments
- Built and tested responsive landing pages with **JavaScript**, **Vue**, **Nuxt.js**, and **SASS**
- Extracted chewy.com header from monolith so it can be used in other (micro-frontend) apps
- Created table for vet prescription application using **React** and Material UI components
- Mentored interns, new engineers, and team members
- Created chronological chat data visualization of chat data using **D3.js**

Software Development Engineer, Amazon Inc. (Alexa Data Services)   Dec '18–Nov '19
- Automated transcription of utterances, saving $68 million in data labelling work annually
- Built annotable text **React** component to allow data associates to annotate Alexa utterances
- Setup Storybook in **React** component package to improve development speed and visibility
- Initiated weekly lunch and learns and pushed for privacy and transparency for Alexa users

Software Development Engineer, Amazon Inc. (AWS Cloud9)   Jun '17–Dec '18
- Built a local IDE prototype using Electron, with plans for autoupdate, deployment, rollbacks, etc.
- Built AWS Lambda integration into Cloud9 IDE, allowing developers to test Lambda functions locally using a built-in Lambda/API Gateway UI and a SAM CLI backend
- Standardized mapping of Lambda functions to local files

Customer Happiness Engineer, Cloud9 IDE (acquired by Amazon)   Jan '15–Jun '17
- Built an interactive tour plugin for new users to highlight important IDE features
- Automated aggregation of links to share over social media via custom Slack bot
- Sped up user info lookup process by building a browser extension for Intercom
- Provide instant answers with new support page layout, built with **React**
- Revamped onboarding process to standardize branding and improve UX and retention
- Scripted, voiced, recorded, and edited homepage product video

Software Engineer, Lingotek   Apr '14–Jan '15
- Reduced user spending by enabling selective translate configuration strings
- Simplified UI in **Drupal** module (19,000+ downloads) for translating taxonomy terms
- Refactored existing code for readability and organization in prep for new features
- Developed in agile process, daily standup, committing with Git, pair programming

Software Developer, Brigham Young University   Mar '13–Apr '14
- Expedited onboarding of project managers and developers with new documentation
- Built LAMP web app from Access database of 4,000 petitions to registrar's office
- Enabled online petition lookup for BYU with custom built **PHP/Javascript** application
- Trained team members in HTML, JS, and use of Photoshop and InDesign

Education

BS Degree, Information Technology, Brigham Young University, Provo, UT