Billy Shih

Seattle, WA • +1 206-229-5678 • me@billyshih.com • linkedin.com/in/bshih • billyshih.com

WORK EXPERIENCE

JPG • Remote   **03/2022 - 06/2023**
Web3 NFT Curation platform
Senior Software Engineer
- Led engineering for TypeScript Next.js web3 app (ethers.js/wagmi). Mintable Ethereum ERC721 NFT unlocked features of the site and data posted to Arweave for onchain storage
- Worked closely with leadership, design and community on product, through weekly meetings, design reviews and customer support. Also implemented a kanban process and project managed team of 3 engineers and a designer
- Developed Canons frontend allowing users to govern lists of NFTs through submitting and voting on NFTs using wallet signatures
- Rewrote exhibition editor allowing users to create galleries and written commentary on NFTs
- Decreased page load time and time to first paint by 60%+ and code maintainability by removing overuse of React context and adding static site generation
- Resolved and worked around Reservoir and Arweave API rate limits
- Bolstered team productivity: reducing build times in Jenkins pipeline, resolving docker issues and creating code consistency between frontend and backend

Amazon • Seattle, WA, USA   **05/2018 - 03/2022**
Frontend Engineer II
- Led frontend of AWS Budgets TypeScript React Redux application. Budgets consisted of a table of budgets and their status and a multi-page form to create and edit budgets. Required dynamic charts, dynamic form fields and frontend/backend validation
- Implemented code standards and React best practices, e.g. using Prettier and ESLint, functional components, React Router, Redux with Reselect
- Aided another team in launching their first AWS Console, provided expertise across the organization and mentored junior developers
- Later joined Sustainability and rewrote Amazon Second Chance into a React application covering 7 different marketplaces and 10 languages
- Implemented unit/integration/E2E test pipeline React Testing Library and Cypress

Seattle Cancer Care Alliance • Seattle, WA, USA   **03/2017 - 05/2018**
Senior Software Engineer
- Front-end developer creating Caresi, a React web app that guides cancer patients through their treatment experience. Patients track their appointments, labs and care team information
- Wrote majority of the app, including the schedule page, authentication logic, shared layout components and labs page
- Decreased page load time by upgrading and reconfiguring webpack and eliminating unused code and dependencies

Greater Good • Seattle, WA, USA   **04/2015 – 03/2017**

Software Engineer

- Created Ruby on Rails and React app for managing storefront, inventory and promotions alongside a microservices API design
- Redesigned and prototyped the main shopping site using responsive design, HTML, SASS and JavaScript. Presented and lead weekly meetings with leadership to iterate and finalize design

Full Circle • Seattle, WA, USA   **08/2013 – 03/2015**

Web Developer

- Developed features for Backbone/Marionette app and writing API's in Ruby on Rails, e.g. member subscription management tool and drag and drop tool to organize products displayed to customers using JQuery
- Created and championed clean, modern and responsive design. Redesigned and refactored majority of the site and provided feedback on other developer's projects
- Created templates using LESS and Bootstrap to reduce development time from days to hours

EDUCATION

B.A. In Business Administration Information Systems

University Of Washington • GPA: 3.63 • 09/2003 – 06/2007

SKILLS

CSS, Docker, ESLint, HTML, JavaScript, Jenkins, LESS, Next.js, Postgres, React, Redux, Responsive Design, SASS, SQL, Tailwind CSS, TypeScript, Webpack