HOWARD TJONG

Los Angeles, CA

(626) 567-0712

howardtjong@gmail.com

LinkedIn

linkedin.com/in/howardtjong

GitHub

github.com/htjong

Portfolio

howardtjong.com

LANGUAGES AND TECHNOLOGIES

Proficient: HTML5, CSS3 (SASS, SCSS, Tailwind CSS), JavaScript, NodeJS, ReactJS, NextJS, GatsbyJS, Astro, StorybookJS, Playwright, Amazon Web Services, Git, GitHub, Github Actions

Exposure: MySQL, MongoDB, Python, Java, C, Bash, Foundation CSS, BootStrap, jQuery, Apache, WordPress

WORK EXPERIENCE

Crackle Plus | Software Engineer | Santa Monica, CA   2020 - 2023

Collaborate with cross-functional teams to gather requirements and support all front end initiatives.

- Deliver a range of projects such as React based websites, component libraries, CI/CD pipelines, proof of concept prototypes, API / SDK integrations, and serverless applications.
- Daily Scrums with Product, Backend, Design, and AdTech teams. Launch www.crackle.com NextJS site rebuild with new designs and APIs. Deliver MVP with unskippable SSAI ads and save 50% on video start time.
- Build Watchlist, Continue Watching, Header, Sign In, Sign Up features. Write unit tests, end-to-end tests, and Storybook component docs using ReactJS, Storybook, RTL, Playwright to deploy code with 75% coverage.
- Build data lake ETL pipeline and provision SQL-like access with Python, Panda, and AWS (S3, Lambda, Glue, Athena, Data Lake, CloudWatch, IAM) for BI teams to generate weekly reports about company growth.
- Write NodeJS scripts to push log data to partner SFTP endpoint by building a serverless application using AWS S3, Lambda, SQS, Cloudwatch to sync thousands of files and enable business insights.

TiVo Corp | Front End Engineer | San Jose, CA   2016 - 2019

Evaluate business requests and existing IT Retail systems to deliver optimal technical solutions.

- Develop fully responsive and cross-browser-device compatible apps (product detail pages, box activation, change payment plan, cancellation) for www.tivo.com and CRM teams using Angular, jQuery, HTML5, CSS3, Drupal, Apache to drive ~$20k revenue in quarterly box sales and service fees.
- Manage and support off-site teams to lead front end initiatives. Translate business requirements into technical requirements, and distribute workloads in order to maximize workforce and time.
- Research and introduce CSS3 Flexbox and physical mobile device testing to dev and QA teams, reducing bug counts by 50% within the first three months of hire.
- Migrate single server WordPress application from Rackspace to AWS. Research and implement RDS, S3, EC2, Elastic Beanstalk, CloudFront system designs to save ~$20k cost per month.
- Automate development of new promotion offers by writing NodeJS scripts to convert .xlsx files into Angular templates, saving the IT department 80% of work usually done.

EDUCATION

University of California, Santa Cruz, *B.S. Computer Science*   2011 - 2015