

Jimmy Chao

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Huntington Beach, CA

EDUCATION

Bachelor of Science in Computer Engineering, California State University, Long Beach

May 2016

Coding Dojo Certificate, Full Stack Development

August 2021

TECHNICAL SKILLS

Programming Languages: JavaScript, Typescript, HTML, CSS, Python

Frameworks/Libraries/Database: React, Vue, Django, GraphQL, MongoDB, DynamoDB, Node

Developer Tools: Git, Agile, Waterfall, Postman, JIRA, Kanban

Active Security Clearance: Secret

PROFESSIONAL EXPERIENCE

Parsons Corporation - Honolulu, HI

Software Engineer

September 2022 - October 2023

- Developed features based on customer requirements and identified end-user requirements and specifications.
- Enhanced visual elements and features for increased customer engagement and usability.
- Troubleshooting, debugging, maintaining, and improving existing software.
- Design frontend applications using JavaScript, React-Redux, and Express.js framework.
- Built RESTful APIs and backend services using Node.js and Express.js framework.
- Designed and implemented scalable and efficient database schemas with MongoDB.

Ultra Mobile | Mint Mobile - Costa Mesa, CA

Software Engineer

April 2022 - September 2022

- Developed an internal application for organizing and managing catalogs and products used by various business branches.
- Designed frontend using Typescript, React, and Next.js framework.
- Created and tested endpoints of APIs with Node.js
- Utilized cloud technologies (AWS) to deploy and manage applications.

Raytheon Technologies - El Segundo, CA

Systems Engineer

June 2019 – April 2022

- Analyzed data for performance predictions received from radars on various platforms.
- Improved application front-end design for tools and implemented responsive UI.
- Processed and transferred data between systems in a Linux environment.
- Managed internal database for tracking and investigation issues.
- Assisted in the release process for the documentation of test procedures.
- Verified requirements in accordance with customer specifications.
- Managed closed area facilities including the security and accountability of company assets.
- Created document packages containing drawings and models to customers and vendors.

Samsung Electronics America - Long Beach, CA

Software Test Engineer

December 2016 – June 2019

- Conducted prototype product testing using automated system simulations and software functional program tests.
- Evaluated product and device quality in various environmental and application conditions.
- Proficient in Linux system administration and troubleshooting, with a solid understanding of Linux internals.
- Completed highly accelerated life tests (HALT) through various stages of product development.
- Strong familiarity with Linux-based software testing methodologies and tools.
- Analyzed and developed test suits. Assisted in the design of test plans to ensure accurate and consistent product testing.
- Prepared reports, and compiled, and analyzed data and engineering information to effectively communicate processes, results, plans, recommendations, and conclusions.
- Worked closely and communicated daily with development teams from South Korea to resolve issues/defects.

PROJECTS

ShutterShare

August 2021

- Project is a photo-sharing site allowing users to upload images, like, and leave comments on posts.
- Full-stack web application using Django framework, written in Python, JavaScript, HTML, and CSS
- Developed Login/Registration system via MySQL database, Regex, validations and Bcryption for security and smooth UX.

Collar

August 2021

- Host for traditional blue-collar workers to have profiles showcasing their skills and be able to communicate with their clients.
- Created a flexible and interactive environment, allowing users to compare values with clients.
- Full-stack web application using Django framework, written in Python, JavaScript, HTML, and CSS