Andy Hua
Front-End Developer

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Address : Vancouver, BC, Canada
Phone # : 778-316-1069
Availability : Immediate – Full Time

Summary

Front End Engineer, former Professional Cook of 10 years. 3+ Years of experience in intricate problem solving, skilled in crafting complex code and algorithms. Possesses a strong interest in facing new challenges and growing as a developer and person. Able to work independently or effectively communicate within a team, in order to reach an interdependent goal. Efficient and eager in picking up new technologies and concepts, a lifelong learner.

Work Experience

Nioya Tech LLC, Virginia (Remote)   **2022 - Present**

Full Stack Engineer

- Studied on Computational Thinking, Operating Systems, Linux, Version Control Systems(Git & Github), Software Development Life Cycle (SDLC) and CSS media queries
- Developed interactive, responsive and scalable Front-End using HTML5, CSS3, JavaScript ES6, React
- Increased speed of product lifecycle and 100% of the time delivered projects within deadline.
- Designing websites with HTML, CSS, SASS(SCSS) and Bootstrap-5
- Created pages with JS / Python functions using DOM, iterator, callback functions, string array functions and events, with various database technologies
- Used state hook and component structures in various projects
- Prototyped 25+ new product features and decreased rework by 22% and costs by 15%.
- CRUD operations developed to handle HTTP request and responses to communicate with DB
- Request from APIs using Async, Await and Fetch structures to view data from various platforms
- Worked with React-router, reactstrap and Axios libraries for user-friendly preparation of websites
- Authentication measures implemented using Firebase.js and helper functions
- Used understanding of React fundamentals to promote better component lifecycle practices, increasing turnaround speed by 25% with 100% deadline adherence.
- Used SCRUM & Agile methodologies and JIRA while working on individual & group projects.

Technical Skills

HTML5 | CSS3 | JavaScript | Python I C | React.js | Reactstrap | TypeScript | Redux | SASS | Bootstrap | Material.UI I AJAX | ES6 | Axios | Yup | Python | Linux | SQL | MySQL | PostgreSQL | Git | GitHub | APIs | Agile | Jira | SDLC | OOP | Netlify | Vercel | RESTful APIs | Heroku | Node.js | Visual Studio Code I Firebase I Firestore I Realtime I Flask I Jinja I Frameworks I Libraries I DOM I Jquery | Figma

Soft Skills

Visualization | Calculation | Adaptability | Analytical Thinking | Strategy | Tactics | Collaborative | Tenacity Creative Perspective | Organization | Calm Under Pressure | Resilience | Studious Mindset | Perceptive Leadership | Determination | Patience | Hands-On | Planning | Communication | Quick Learner | Multi-Tasking

Projects

Stock / Inventory App: An online inventory & stock management tool. CRUD application with the ability to get, add, edit, or delete products, firms, brands, sales, and purchases. The biggest parts of this project were authentication, form handling and stock data management.
Frontend: React, SCSS, Material UI Backend: Python Django
State Management: React Context, Redux Toolkit

RPG Where Everyone Is Useless: An RPG game made using Lua and LÖVE2d. Learned the basics of 2D game development from scratch. Implemented elements of NPC speech, triggered events, character animation, movement and collision, enemies, death, respawn, dialogue, map creation, boss fight, sound effects and BGM. Libraries used : Windfield, Anim8, Dialove, HUMP

Blog App : Utilizes Firebase Authentication, Cloud Firestore on the back-end, MUI, react-toastify on the front-end. Users can post images and text which are then retrieved and displayed as cards. They have the ability to edit, like or delete their own, and to like those of others.

Movie App : In this project, the aim was to display cinema posters by using the TMDB API. There is a search feature for keywords. Upon logging in, movie synopsis, trailer and rating are available. Skills/Tools : React-router library, Bootstrap library, Axios library and Firebase

Yahtzee in Python: A command-line version of Yahtzee, created with numerous functions dealing with dice rolls, re-rolls, player options, score tables, score calculation, categorization, bonus conditions, and testing.

Education

Clarusway   2022 - 2023
Full Stack Software Development

Vancouver Community College
Asian & Western Culinary Arts, Professional Cook 3 ITA Red Seal Program   2012 - 2020

Certifications

HackerRank : React, Python, Javascript   December 2022
JavaScript Algorithms and Data Structures   June 2022
CS50P Certificate - Harvard   Jan 2023
CS50 Certificate - Harvard   May 2022
Red Seal - Professional Cook   June 2019
National Lifeguard   June 2011 – June 2013

Language Competencies

- English : Native
- Cantonese : Intermediate
- Mandarin, Japanese, French : Basic

Hobbies

- Starcraft 2, Chess, Puzzles, Swimming, Reading, Boxing, Gardening, Hiking, Camping, Fishing