Shang Gao

Toronto, ON | 437-973-9487 | sgao056@outlook.com

Summary of Qualifications

- An aspiring Full Stack Web Developer with a strong passion for producing robust, well-designed web solutions throughout the Web Development Life Cycle.
- Knowledgeable in design, installation, testing and maintenance of web systems - application architecture, design input, site layout, user interface, database design, programming, and API interfaces.
- Expertise in modern client side Javascript framework of React.js. Strong grasp of in-demand web designing & development technologies – HTML5, CSS3, JavaScript, React.js, MySQL, Node.js, REST APIs and utilizing Figma to visualize web design idea.
- Demonstrated experience applying best practices for web accessibility, usability, and technical implementation.

Technical Proficiency

- **Web design**: WordPress, Figma
- **Frontend development**: HTML5, CSS3, SASS, Javascript, React.js (2 years), Redux, Bootstrap, Web3.js
- **Backend development**: Node.js/Express (2 years), REST API, JAVA
- **Databases & Technical Tools**: MySQL, MongoDB, Git(version control)

Education

FULLSTACK WEB DEVELOPMENT BOOTCAMP |UCAREER | 2021/06 -- 2021/11

- WEB DEVELOPMENT IN HTML, CSS, JAVASCRIPT, JAVA, SQL, GIT; Web Dev Practicum with Bitcoco

MASTER OF ENGINEERING – ADVANCED MATERIALS & ENGINEERING UNIVERSITY OF OTTAWA | Sep.2019 -- Jun. 2021

BACHELOR OF MATERIALS SCIENCE AND ENGINEERING | BEIJING UNIVERSITY OF TECHNOLOGY | Sep.2015 -- Jul. 2019

Experiences

WEB DEVELOPER | Megadata Inc. (2022/06 -- present) | 3601 Hwy7, Markham, ON L3R 0M3

- Reviewing application requirements from clients and optimizing UI/UX design drafted on Figma.
- Concretizing the layout of web pages using React.js framework based on HTML5, CSS, SASS, ES6 and external dependencies like Bootstrap and Material UI.
- Design, develop, maintain and support Restful API built by Node.js, meanwhile, completing Mysql database interaction with user inferface webpage.
- Build components and pages with Blockchain interaction functions, for example, NFT minting, Metamask, coinbase wallet connection, NFT listing by newest WEB3 api libraries such as Wagmi, Moralis and Alchemy.
- Working with other team or third-party platforms to install a wide range of tracking codes and digital marketing technologies, remaining current on emerging web technologies and development practices.
- Deploying full-stack project on-line and maintenance its working fluency.
  Deployed website link (developed totally by myself): https://eico.forging.one/

WEB DEVELOPER | Freelancer (2021/11 -- 2022/06)

- Worked with different orgnizations (Factory internal system, new media, crypto worker or nft creators, signers, etc.) to complete small or medium projects especially web3.js minting webpages by React.js.
- Other tiny demand like improved user-authentication process by adding reCAPTCHA from Google that verifies real users and blocks bots.
- Cooperating with physical stores such as milk tea shops and garment factories, calling relative plug-in according to the customer's needs to realize and deploy the figma web design draft by WordPress.

Side Projects

Portfolio Link:

- https://sgao056.github.io/portfolio