Salman Fazal

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PROFILE SUMMARY

- **Full-Stack Developer** with 5 years of experience developing web-based and mobile applications using ReactJS, NextJS, Firebase, JavaScript, TypeScript, Python and web3 technologies.
- Possess technical, analytical and problem-solving skills to create dynamic, high-speed websites, apps and platforms fuelling competitive advantage and revenue growth.
- Hold a great understanding of design principles, detailed knowledge of front-end technologies and patterns. Thriving in an agile environment leveraging modern technologies such as React and Redux.

WORK EXPERIENCE

Full-stack Developer – MakerDAO (remote)   Feb 2022 - Present

- Leading the development of the Maker Academy web application from the ground up, utilizing modern architecture and design patterns.
- Translating high-fidelity Figma designs into functional and fully responsive code, ensuring a seamless user experience.
- Implementing a robust tech stack comprising React and NextJS with Redux for the frontend, Emotion and Material UI for styling and design, and Firebase for backend services such as database, storage, cloud functions and google analytics.
- Incorporated web3 authentication technology using Rainbow kit and Alchemy.
- Collaborating with cross-functional teams in an agile environment to deliver a high-quality user experience.
- Successfully launched the Maker Academy, which improved user engagement and education about the MakerDAO platform.
- Contributed to the development of the MakerDAO ecosystem by building an educational platform that incentivizes learners to learn and experts to produce content.

Front-End Engineer – Flight Centre Canada (Toronto, CA)   Jul 2021 – Feb 2022

- Execute several high-end front-end projects and tasks using a variety of technologies such as ReactJS, React Native, Redux and Material-UI.
- Leverage integrated Cypress to effectively perform unit testing and end to end testing.
- Work collaboratively with the product designing team to bring Figma prototypes to life.
- Multitask between managing and maintaining inhouse NPM package SDKs (software development kits) and native mobile app SDKs.

Full-stack Developer – Your Fuse Inc (Toronto, CA)   Jun 2020 –Jul 2021

- Handled full stack development for clients' web application projects daily utilizing technologies such as ReactJS and Firebase (authentication, firestore, storage and cloud functions).
- Used ReactJS to create stable, maintainable and testable codebases.
- Built new features and functionalities on the web applications in line with functional specifications and business requirements.
- Leveraged strong attention to detail and knowledge of the web development to accurately write effective APIs and tests and perform bug fixes and code reviews.

Full-stack Developer – Forex Lens (Toronto, CA)   Jun 2020 –Jul 2021

- Partnered with Your Fuse and worked on trading-related dev tasks, including scoping, building, implementing, testing, and deploying new features and versions of core applications and databases.
- Used Python to develop an automated Discord and Telegram bot that managed the company trading signals and subscription system.

- Built a Metatrader copy-trading system with analytics and monitored analytics and server logs to block unauthorized data scrapers and spiders.
- Enhanced the company's website front-end to a modern-looking UI using HTML5, CSS3, JavaScript and ReactJS.

Lead Instructor – Code-It Hacks (Toronto, CA)   **Jan 2020 - Jul 2020**

- Lead instructor for elementary and middle school students S.T.E.M related topics, including Robotics and Coding (SCRATCH and Python).
- Conducted two full day Web Development workshops for working professionals and delivered Web-development focused tech skills sessions to address skill gaps.
- Stayed abreast of developments in web applications and programming languages to maintain and enhance web development expertise.

Developer - Trading Room App (Contract)   **May 2019 - Sep 2019**

- Developed a trading platform similar to 3Commas that brings all major exchanges under one roof and added advanced and added unique algorithmic features not offered by the exchanges.
- Created procedures for requirements gathering, needs analysis, testing, scripting and documentation to strengthen the quality and functionality of the trading app.

Web and Database Developer – Freedom Communication (TZ)   **May 2018 - Aug 2019**

- Streamlined stock management for all company warehouses by transforming the mainstream, paper-based warehouse stock system into a desktop app, databased solution.
- Maintained existing database-driven web interfaces for rapid file transfer and data communication using SQL Servers and utilizing various jQuery plugins.
- Modified databases according to requests, performed tests and solved database usage issues and malfunctions.

CORE SKILLS

FRONT-END: ReactJS, NextJS, React Native, HTML5, CSS3, Bootstrap, Material-UI.
BACK-END & LANGUAGES: JavaScript, TypeScript, NodeJS, Serverless Firebase, Java, Python.
DATABASES: Firebase, Ms SQL Server, MySQL, MongoDB.
SOURCE CONTROL: Git, GitHub, Bitbucket, SCRUM/Agile.
LANGUAGES SPOKEN: English, Swahili, Urdu.
OTHER: Googling, Stackoverflow-ing.

EDUCATION

GradCert Financial Technology – Seneca College (CA)   **Mar 2020**
Completed a post-graduate certificate program on Financial Technology

BSc Computer Science – Coventry University (UK)   **Apr 2018**
Graduated a Bachelor of Science degree with a first-class Honours

ACCP – Aptech College (TZ)   **Mar 2015**
Completed the foundation year with an overall Distinction

Please visit my personal portfolio link to view all my projects with demos, descriptions and link its repository.