SHOHEI MOCHIZUKI

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LinkedIn: /ShoheiMochizuki | Portfolio: Link | GitHub: /Shohei-Mochizuki

R&D support engineer with 10 years of work experience in data analytics and project management fields. Earned a certificate in Full Stack Web Development from the University of Toronto in addition to 2 Masters of Engineering from institutions in Japan and France. International engineer who loves solving problems by collaborating with all the stakeholders and is eager to learn new things and to develop his professional skills.

TECHNICAL SKILLS

HTML, CSS, Bootstrap, JavaScript, jQuery, Node, Express, React, REST API, MySQL, NoSQL, MongoDB, JEST, GraphQL, JWT, Git, GitHub, Visual Studio Code, Handlebars, Object Oriented Programming, Model View Controller, Progressive Web Application, Agile methodology, Scrum, Python, R, Google App Script, BigQuery, Data Studio, Explo, Google Cloud Platform

PROJECTS

Getaway | github.com/shohei-mochizuki/getaway | getaway.herokuapp.com
- Summary: Travel agency demo site for selling travel packages. Users can see a list of travel packages as well as their details. All users can go to a demo checkout session and complete a transaction process using stripe. Loggedin users can bookmark packages, too.
- Tools: HTML, CSS, Bootstrap, JavaScript, jQuery, Node, Express, React, NoSQL, MongoDB, GraphQL, Model View Controller
- Role: Project leader

Traveler's Choice | github.com/shohei-mochizuki/TravelersChoice | travelerschoice.herokuapp.com
- Summary: User review and rating site for travelers. Logged in users can post reviews and ratings on countries they have visited and these countries are ranked. All users can see the reviews and rankings.
- Tools: HTML, CSS, Bootstrap, JavaScript, jQuery, Node, Express, REST API, MySQL, Handlebars, Model View Controller
- Role: Project leader

10 things to do in Toronto | github.com/shohei-mochizuki/10things-todo-in-toronto | shohei-mochizuki.github.io/10things-todo-in-toronto
- Summary: Event list website using third-party APIs (SeatGeek and OpenStreetMap). Users can see 10 events in Toronto for the weekend and find their locations in a map.
- Tools: HTML, CSS, JavaScript, jQuery, TailwindCSS, Third-party APIs
- Role: Technical leader

EXPERIENCE

R&D Support Engineer | ThisFish Inc. | Toronto, Canada (100% Remote)   2023-Present
Solve technical issues raised by customers and develop new functionalities to the software.
Key Accomplishments:
- Launched a new fictionality of temperature monitoring system to the software by combining technologies of card-size temperature tags and LoRaWAN network.
- Created systems for potential customers by combining and modifying configuration settings of the software.

Program Manager | Twitter | Toronto, Canada (100% Remote)   2022-2023
Managed Twitter's misinformation policy programs and projects by closely working with all the related teams and created reports on both emerging trends and content moderation results.
Key Accomplishments:
- Collaborated with all stakeholders for Election Misinformation policy and shared concerns and blockers in advance so that no major issues happened around the election day.
- Conducted root cause analysis on critical errors of content moderation and created detailed reports as well as improvement plans, which resulted in a reduction of errors.
- Analyzed misinformation contents on Twitter by using SQL and regular expression, which enabled the related teams to follow the latest trends and keep the policies updated.

Data Analyst | Cognizant | Toronto, Canada   2018-2022
Analyzed data and controlled quality of content moderations on Twitter. Acted as a point of contact between Twitter and its vendors and created reports for all the stakeholders.
Key Accomplishments:
- Collected and analyzed content moderation data and created reports using Data Studio, which let everyone see the latest information, identify issues and create improvement plans.
- Attended Twitter-wide Kaizen events to discuss opportunities and solve issues. Improved quality and efficiency of content moderation by eliminating redundancies in the work flows.
- Created a quality control system from scratch using Google App Script and spreadsheets. This saved time for quality analysts as well as managers and made data more accessible.

Civil Engineer | JGC | Tokyo, Japan   2014-2017
Managed vendors' quality of civil and structure designs. Solved issues by conducting root cause analysis and created detailed reports with recovery plans and/or alternative designs.

EDUCATION

Certificate, Full Stack Web Development – The University of Toronto

Master of Engineering, Civil Engineering – The University of Tokyo

Diplôme d'ingénieur, Ville Environnement Transport – Ecole des Ponts ParisTech