
Rock Gu

Full Stack Developer

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EXPERIENCES

EllisDon, Mississauga - *Full-Stack Developer*

OCT 2020 - NOV 2021

- Implemented, released, and maintained responsive dashboard application in React for large-scale project and corporation intelligence visualization and navigation.
- Designed and implemented document process automation and workflow mapper in React, MongoDB, integrated to existing document building applications.
- Implemented responsive and customizable homepage with draggable widgets in React with user preference storage.

DemandHub, Mississauga - *Full-Stack Developer Intern*

JAN 2019 - AUG 2019

- Prototyped and built an interactive speech-bot that listens, replies, and books appointments using MySQL, React, Node.js, Express.js.
- Implemented RESTful and designed a highly scalable chatbot back-end using WitAI, Redis, Falcor, Express.js, and Node.js.
- Implemented stand-alone real-time Single-Page Application in React for administrators to monitor the speech-bot and intervene as needed.
- Designed and implemented an automated scraping framework targeting leads on Google and Facebook with Apify.js and Node.js.

Arup Group, Toronto - *Software Developer Intern*

SEP 2018 - DEC 2018

- Designed and implemented a scalable desktop application that visualizes unprocessed sensor data for architectural analysis using PyQT and Pandas
- Independently designed and implementing internal reporting Single-Page Application using Django and JavaScript.

SKILLS

React, Express.js, Node.js, MySQL, MongoDB, GraphQL, Tailwind, Sequelize, Redis, WitAI, Apify.js, Git, AWS, CSS, HTML, TypeScript, JavaScript, REST, Python, APIs

EDUCATION

McMaster University, Hamilton - *Bachelor of Computer Engineering*

Graduated 2020 April

HOBBIES

Illustration, Photography, Specialty Coffee, Plastic Modelling, Japanese Culture