

DOUGLAS SO

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SKILLS

Programming	JavaScript/TypeScript, Java, Python, PostgreSQL, GraphQL, HTML5/CSS3
Framework/Tools	React, Angular, Django, Node.js, Bootstrap, MUI, Jest, Mocha, Docker, Kubernetes
Principles	Object-Oriented Programming, Git, Agile/Scrum, UI/UX Design

EXPERIENCE

GOSECURE INC. <i>Full Stack Developer</i>	Oct 2021 – Aug 2022 <i>Montreal, QC</i>
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- Developed and maintained REST APIs to generate and update scoring for cybersecurity assessments, successfully used by 60+ enterprise companies across North America (Django, Python)
- Created new features for an upgraded cybersecurity assessment application using micro-frontends (React)
- Collaborated with UI team to redesign GUI for two internal applications (React)
- Continuously monitored CI/CD using Kubernetes and Jenkins, to ensure high quality and frequent delivery for the Service Innovation team (Kubernetes/Docker)
- Debugged software solutions by writing 200+ unit tests to verify functionality of user interfaces, backend processing and connectivity, and relational database interactions (Jest/Mocha)

ST. MARY'S RESEARCH CENTRE <i>Software Developer</i>	Sep 2020 – Sep 2021 <i>Montreal, QC</i>
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- Designed and implemented a web application for hospital volunteer navigation (ReactJS/MUI)
- Implemented REST API to create profiles and to match physicians with volunteers (Django/PostgreSQL)
- Performed requirements analysis with doctors and hospital staff to model application domain

SIMPLY KITCHEN <i>Webmaster</i>	May 2020 – May 2021 <i>Toronto, ON</i>
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- Created and designed web content for restaurant content (JavaScript/HTML5/CSS3)
- Configured and hosted website via AWS (S3/Route 53/CloudFront)

PROJECTS

LabConnect	2021
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- Designed and implemented a web platform for McGill students and professors to connect and discover research opportunities (NextJS/MikroORM/GraphQL)

SPACE Conferencing	2020
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- Developed a video-conferencing web app with spatial audio to assess cognitive load, designed and wire-framed using human-centred design principles (WebRTC/JavaScript)

iPitch Competition 2018 – First Place	2018
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- Developed pitch for mobile application concept to record medical transactions and provide health forecasting for citizens in Hong Kong

EDUCATION

MCGILL UNIVERSITY <i>Bachelor of Software Engineering (B.S.E.)</i>	Sep 2016 – Dec 2021 <i>Montreal, QC</i>
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- Extracurriculars: Secretary of McGill IEEE Student Branch 2019, McGill Ultimate Team, Intramural Volleyball