SOHAM SHAH

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EDUCATION

University of Waterloo <div align="right">**Waterloo, ON**</div>
Candidate for Honours Bachelor of Computer Science <div align="right">*Sept 2020 – Apr 2025*</div>
Relevant Coursework: Algorithm Design and Data Abstraction, Object Orientated Programming <div align="right">**GPA: 3.81/4.00**</div>

TECHNICAL SKILLS

Languages: Python, C, C++, JavaScript, HTML, CSS, SQL, R, Scheme
Technologies/Frameworks: React, Node.js, Express, AWS, Flask, Pandas
Tools/Databases: Git, Figma, MongoDB, MSSQL, Postman, Jira, Confluence, Google Analytics, Google Optimize
Product Management: Prototyping, Wireframing, User Stories, Agile Methodologies, A/B Testing

EXPERIENCE

Software Engineer Intern <div align="right">**Sept 2021 – Dec 2021**</div>
Deloitte, Consulting <div align="right">*Toronto, ON*</div>
- Led a team of 4 to engineer Canada's first all-inclusive insurance analytics platform by using React and implementing a backend architecture on NodeJS and Express expected to win client partnerships worth over $2 million
- Streamlined data consolidation processes by designing data pipelines and writing ETL jobs increasing clean data availability by **10%** to enable data analytics, modelling and visualization use cases
- Engaged in agile development, by creating user stories, leading epic planning meetings and conducting sprint reviews
- Re-provisioned existing cloud infrastructure for insurance solutions using AWS tools reducing infrastructure costs by **7%**
- Collaborated on Deloitte InsurCloud's usage-based IoT telematics solution for insurance clients which is projected to reduce claims payouts by **20%** and reduce auto premiums by **18%**.

Co-Founder and CEO <div align="right">**July 2021 – Present**</div>
SpotBook <div align="right">*Brampton, ON*</div>
- Spearheading the development and deployment of the iOS app using **Swift, Xcode** which serves as an online marketplace for users to rent local sports and recreational facilities.
- Designed **10** engaging user interfaces for the iOS app using **Figma** to optimize user workflows and user experience.
- Created a **business plan** to outline business values, marketing objectives, financial plans and growth plans of company.

Math/Science Tutor <div align="right">**May 2019 – Sept 2020**</div>
Mathmagician Inc. <div align="right">*Brampton, ON*</div>
- Interacted with and taught **40+** students math, chemistry and physics, achieving a **95%** satisfaction rate.
- Increased customer base by **15%** by collaborating in a **team of 3** to plan, execute and facilitate a new summer camp.
- Created detailed lesson plans to accommodate for each student's needs increasing students marks by at least **5%**.

PROJECTS

Rewind 🐙 🌐 | *React, NodeJs, Express, MongoDB, Material-UI, Redux, Axios*
- Developed a memory sharing platform using **MERN Stack** with CRUD functionalities to support 7 in-app activities.
- Designed a streamlined UI using **React** and implemented a backend service using **Node.js and MongoDB** to allow for real-time memory sharing

TextTrade 🐙 | *Python, Flask, Twilio API, Alpaca API, Heroku*
- Developed a SMS bot with 12 commands using Python to paper trade stocks, index funds and cryptocurrencies.
- Leveraged **Twilio's API** to send outbound or receive inbound messages and used **Alpaca API** to make HTTP requests to execute trades or retrieve market data.

UnitBot (UofTHacks VIII) 🐙 🌐 | *HTML/CSS, SQLite, Python, Flask, Javascript, NodeJS, Socket.io*
- Developed a networking platform for high-school students to find, message and connect with university students.
- Utilized **Bootstrap** to create an elegant UI and **Socket.io** to allow for real-time communication between the client and server layer to enable the chat functionality.

CERTIFICATIONS

Advanced Google Analytics <div align="right">*December 2021*</div>
AWS Certified Cloud Practitioner | Credential ID: KC3KQ9GLNF44QDS9 <div align="right">*November 2021*</div>