Bilal Shaikh

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EXPERIENCE

Developer Intern   May 2022 – Aug 2022
RBC   *Toronto, ON, CA*
- Developed efficient solutions in ServiceNow for various applications in RBC using Java Script and Angular.
- Directly impacted business operations to cause a time saving of 53 Hours a month.
- Integrated a significant number of different applications in to ServiceNow with external development teams such as a Splunk Integration.

Workshops and Talks Lead   Sep 2021 – Present
Google Developer Student Club McMaster University   *Hamilton, ON, CA*
- Led a team of 20 members to organize workshops and talks for the Google DSC and McMaster Community.
- Organized content and presented in an AR Development workshop for 1000+ viewers and contributed greatly towards making McMaster's GDSC chapter one of North America's most active chapters.
- Assisted in presenting, delegating tasks and curating content for workshops such as Intro to Github, Basics of Unity, and a ML talk with Tanmay Bakshi, that had over 100+ attendees.

Web Developer Intern   May 2021 — Aug 2021
Loadlink Technologies   *Mississauga, ON, CA*
- Recreated Angular front-end for the flagship load matching product to facilitate company re-branding.
- Added notifications to the front end of the flagship load matching product with REST APIs to an external trucking equipment marketplace.
- Designed and developed a program in C# with SQL to improve processing speeds for customer data by 90%.

Teaching Assistant   Sep 2020 -– Apr 2021; Sep 2021 – Present
McMaster University   *Hamilton, ON, CA*
- Instructed 50+ students to design and develop scripts in Python for solving various Engineering problems.

AR Developer Intern   May 2020 — Aug 2020
Pulse Lifesavings   *Hamilton, ON, CA*
- Developed and documented the first iteration of an AR CPR Training program with C# and Unity.
- Created an android app for measuring user posture for CPR with Java, to improve posture detection by 60%.

EDUCATION

McMaster University   Hamilton, ON, CA
Bachelor of Engineering in Software Engineering and Management - CGPA:3.5   *Sep. 2018 – Apr 2023*

PROJECTS

Fish Spot | *Node.js, AWS EC2, AWS S3, React, MySQL*   Sep 2021 – Dec 2021
- Developed a full stack application to allow users to create and interact with different fishing spots.
- Created a REST API with Node.js to access MySQL database and, handle sign up and login requests with session management.
- Deployed on an AWS EC2 instance with images stored in AWS S3 bucket along with self made security policies deployed on AWS IAM.

Alpaca Trading Bot | *Node.js*   Nov 2021 – Dec 2021
- Developed a Node.js to trade on live stock markets with a self made strategy to recognize market momentum and take action.
- Established a web-socket connection with Alpaca to acquire data from IEX with minimal delay, and maximized connection up-time.

TECHNICAL SKILLS

Languages: Java, C#, Python, SQL (MySQL), JavaScript, HTML, CSS
Frameworks: React, Node.js, JUnit, Chakra UI, Bootstrap, Angular
Developer Tools: Git, Google Cloud Platform, AWS, VS Code, Visual Studio, Linux Shell, Figma, Jira, Zenhub