SOBAN FARHAN
Software Developer
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Highly skilled Software Developer with 4 years of experience. Strong foundation in **designing, developing, and maintaining** cutting-edge software solutions. Adept at multiple programming languages and frameworks, with a **proven track record of delivering high-quality, efficient, and scalable applications**. Collaborated with cross-functional teams to meet project goals and deadlines while continuously **staying updated on the latest industry trends and technologies**.

PROFESSIONAL EXPERIENCE

Software Developer	*Re:Sound Music Licensing*	**2021 – 2023**

- Participated in the transition of the former **.NET WPF** application, **OPUS** to **Re:Think** A cloud-based solution built using **Salesforce**. This involved working closely with **cross-functional teams** to ensure seamless integration.
- Provided support during the transition period by organizing workshops, crafting informative presentations, identifying valuable training modules, and contributing to the team's skill development.
- Improved **E10** an in-house **REST API** built with **C#** and **.NET** performance by executing a comprehensive three-phase testing sync. The syncs consisted of generating **50,000** user profiles and **300,000** invoices to address slow response times, optimizing **memory allocation**, and enhancing user experience.
- Expedited **E10's** performance changes by replacing heavy **ORM** usage with the stored procedures approach. The stored procedure changes caused an average of **10-15s** requests, to now be completed within **3-5s**. This has been a staggering **60% - 70%** reduction in overall processing time.
- Played a **pivotal role** in our new application named **something_funky**, which consisted of finding discrepancies in data between in-house **ALLIANT** and **Crescendo** databases. The solution was built using **Python** to help with manual review and effectively reduce manual efforts by **30%** - **40%** by finding discrepancy patterns.
- Optimized **something_funky** data handling by creating functions that efficiently processed large CSV files. Leveraging pandas, I **read, analyzed, patched, and partitioned** the data into smaller sets to optimize **resource consumption** when managing large sets of data.
- Expanded **something_funky** architect by implementing **CI/CD** pipeline. This initiative was to expedite newer builds and **unit-testing** to an ever-expanding list of feature requests alongside performance optimization.

AI Research Assistant	*Durham College*	**2019 – 2020**

- Applied my knowledge and understanding of **Python, Flask,** and **Docker** to create and maintain an **API**. The project concluded with a setup to allow communication between the API and prototype **regression models** used to predict future pricing for shipping commodities through freight.
- Ensured data quality by **cleaning**, **normalizing**, **optimizing**, and storing data in **MongoDB** cluster to keep records of historical and future entries. Leveraged libraries like **pandas** and **scikit-learn**, to further enhance data quality and efficiency, for **ML** models to be trained and tested.
- Created various models ranging from classifier, logistic, neural network, etc., and afterward optimized model performance by tweaking **hyper-parameters**. This showcased my ability to adapt to different **ML** concepts and analytical skills, leading to innovative solutions.
- Participated in daily **SCRUM** meetings while **mentoring** new researchers, highlighting my collaborative abilities and potential for **leadership**. These meetings were crucial to transferring knowledge among team members and keeping multiple project roadmaps up-to-date due to average 3-month **MVP** deliverables deadlines.

EDUCATION

College Diploma, Computer Programming and Analysis, *Durham College*	**2017 – 2020**

- **Relevant Coursework**: Network Security, Database Management, Software Development, and System Integration.
- **Honor Roll:** throughout the 3 years with higher than 4.0 out of 5.0 GPA.

SKILLS

- **Proficient:** C#, Python, .NET Core, Django, Flask, Docker, T-SQL, NoSQL, GitHub, Jira, Agile, SCRUM
- **Familiar:** Java, JavaScript, TypeScript, React, NodeJS, Salesforce, CI/CD, AWS