SOBAN FARHAN

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TECHNOLOGY STACK

- C#
- JavaScript & TypeScript
- Python
- .NET/ASP Core
- React & Next
- Django & Flask
- SQL & NoSQL
- Node.js
- GitHub

PROFESSIONAL EXPERIENCE

Re:Sound Music Licensing, Toronto, ON

Programmer Analyst   **May 2021 – Present**

As a developer, I am fortunate enough to be a part of a team responsible for maintaining two critical applications: Re:Think - A cloud-based solution built using Salesforce, and EPICOR - A Restful API utilized by other divisions for vendor, invoice, and payment-related tasks built using C# and .NET Core. My contributions included the following:

- Participated in the transition of the former WPF application, OPUS, to Re:Think, a cloud-based solution. This involved working closely with cross-functional teams and providing support to ensure seamless integration.
- Assisted in the performance improvement of the EPICOR API by removing the heavy use of ORM and alternating to the use of stored procedures. This resulted in a 40% reduction in request processing time compared to the old approach.
- Assisting in integrating Re:Think with EPICOR and other systems to streamline flow and reduce manual efforts.
- Supported the three-part testing synchronization by creating 50,000 user accounts and 300,000 invoices to identify and fix any bugs during runtime.
- Collaborate with my seniors on the backlogs of tickets to help design and implement further changes to Re:Think and EPICOR.
- Participated and continue to code reviews and use feedback to find alternative solutions to issues. This provided opportunities for growth and learning.
- Attend daily SCRUM and distribution meetings and be available to help team members where necessary.
- Provided support to users during the transition to the new platform and ensured a smooth onboarding.
- Contributing to creating a CI/CD pipeline to automate testing for new system features.
- Continuing to manage daily tickets and providing reporters with updates on bug fixes.

Technical Skills: C#, .NET, SQL Server, Apex, Python, Flask, Django, Salesforce, Jira, Bitbucket

Durham College – AI Hub, Oshawa, ON

Research Assistant   **January 2019 – August 2020**

As a research assistant, I was involved in several projects integrating AI and machine learning into client software solutions. Through these projects, I was able to acquire valuable hands-on experience and develop my technical skills in the following areas:

- Developed machine learning regression models using advanced technologies such as Keras, Neural Networks, and Random Forest.
- Helped build Restful API using Flash/Django to allow communication with the regression models.
- Acquired knowledge of conventional educational data mining practices through Python and machine learning libraries (pandas, scikit-learn, etc.).
- Designed a 10-layer neural network with dropout layers and different activation functions using Keras.
- Optimized hyper-parameters for multiple model architectures to improve performance.

- Assisted new research assistants in getting started with machine learning concepts and guided them as needed.
- Contributed to redesigning a client's existing website using C#, .NET Framework, and MySQL, enabling entrepreneurs to enroll in coaching courses.
- Participated in the deployment of projects on hosting platforms such as Bluehost and Heroku.

Technical Skills: C#, .NET, SQL Server, Python, Django, Machine Learning, PostgreSQL, Heroku

EDUCATION

Durham College, School of Business, IT & Management (BITM)   **September 2017 – April 2020**
Oshawa, Ontario

- Computer Programming and Analysis program.
- Ontario College Advanced Diploma.
- Specialized in Software, Database, and Web Development.
- Earned Honor Roll throughout the 3 years with higher than 4.0 out of 5.0 GPA.