

Deeshan Wassan

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EXPERIENCE

Software Engineer

Connectify

August 2019 – June 2021, Philadelphia, PA

- Developed and released an Android VPN app with currently over 100,000 downloads (EdgeWise Connect).
- Achieved a 60% increase in revenue through in-app purchases by adding A/B tests on the Google Play Store.
- Iteratively developed new features for the Angular frontend for Speedify, an app with over 10 million downloads.
- Enhanced VPN usage statistics and added in-app bugs that led to a 20% increase in user retention.
- Implemented UI components such as real time livestream detection, server selection, and in-app speed test.
- Created white-labeled Android apps for external clients that implemented channel-bonding VPN capabilities.
- Collaborated with the design lead to rapidly implement features based on Figma prototypes during biweekly sprints.

Full Stack Software Engineer Intern

Brandywine Global Investment Management

April 2017 – April 2019, Philadelphia, PA

- Contributed 40% of all code changes on GitHub towards a React PWA to simplify trade reconciliation.
- Reworked existing C# ASP.NET APIs to retrieve data from Access MDBs and connected it to a new React front-end.
- Collaborated with business stakeholders to gather requirements and delivered results on time.
- Worked with the Director of IT to establish UI standards and best practices on technologies and frameworks.
- Developed, tested, provided support for, and deployed over 100 Perl jobs and SQL code for company-wide upgrade.
- Wrote data services and applications in C# to enhance productivity by replacing 20-year-old Microsoft Access.

IT Advisory Intern

KPMG

July 2016 – September 2016, Delhi, India

- Implemented and managed Microsoft SharePoint.
- Developed material to help management understand global investment opportunities.

EDUCATION

Master of Science in Computer Engineering

New York University • New York, NY • 2023

Bachelor of Science in Computer Information Systems

Minor in Operations Management • Drexel University • Philadelphia, PA • 2019 • 3.6

SKILLS

Programming: Python, Java, C#, Perl, SQL

Web Development: JavaScript, React, Angular, Node.js

Mobile: Android Native (Java), React Native

PROJECTS

Neural Networks for Music Classification

New York University • September 2021 – December 2021

- Extracted features from audio samples for machine learning tasks such as speech recognition and classification.
- Built a simple neural network for music classification with 256 hidden units and sigmoid activation.
- Optimized the learning rate of the neural network to over 99% accuracy by training the model for 20 epochs.

Kaptilo

Drexel University • September 2017 – June 2018

- Set up complete back-end infrastructure for the app including IIS Server and MS SQL Server.
- Developed an API in NodeJS from scratch to handle calls to the backend.
- Contributed over 70% of all code changes towards developing a cross platform frontend in Ionic and Angular.