

# SHREY MAHENDRU

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## EDUCATION

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### University Of Toronto

Bachelors Computer Science 2018

## EMPLOYMENT

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### Software Engineer, Microdea Inc, Markham, Ontario

Aug 2017 - Current

- Playing a key role in developing a cloud-based document management system using Azure, .NET core and C#.
- Responsible for designing and developing a front-end for the document management system as a cross-platform mobile application with image recognition and OCR capabilities using Xamarin.Forms.
- Implemented the CI/CD pipeline for the mobile application and the API using VSTS and App Center.

### Full-Stack Developer, St. Joseph Communications, Toronto, Ontario

May 2016 - Aug  
2017

- Played a key role in developing the next generation brand management platform of the organization (Brandstem™) under extremely tight deadlines using AWS, NodeJs, Koa, VueJS, TypeScript, HTML, CSS and Postgres using microservice architecture.
- Maintained the legacy platform by fixing bugs and implementing new features with quick turnaround times using Python, Django, AngularJs, Postgres, and Elasticsearch.
- Supported clients and colleagues by troubleshooting and providing concrete resolutions for various technical issues.

## SKILLS

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**LANGUAGES:** C, C#, Java, JavaScript, Python, TypeScript

**BACKEND TECHNOLOGIES:** .Net Core, Django, Flask, NodeJs

**FRONTEND TECHNOLOGIES:** AngularJs, AureliaJs, ReactJs, Redux, VueJs

**MOBILE:** Android, React-Native, Xamarin.Forms

**MISCELLANEOUS:** AWS, Azure, elasticsearch, firebase, travisCI, OpenCV, MongoDB, Postgres, SQL Server

## PROJECTS

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### Prune

An Android application to quickly analyze and accurately classify sub-optimal pictures like blurred photos using OpenCV in the device's gallery.

### Graphviz

A Web application implemented using python with Flask which transforms user's hand-drawn graphs into digital versions using OpenCV.

### Artifizi

An Android and iOS mobile application for an architecture blog called ARTIFIZI implemented using React-Native, Redux, Typescript and Firebase.

### TA-Coordinator Application

A Web application where Teaching assistants can look/apply to job postings. Architected as microservices and developed using NodeJs, MongoDB and ReactJs and Redux.