

# Natnael Tezera

Software Engineer | Front End developer | .NET core developer

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<https://github.com/nmesfin21>

## EXPERIENCE

### Infosys, Bellevue, WA — Software Engineering Associate

Jun 2019 - PRESENT

- + Collaborated with team members to implement a peer to peer money transfer system using Angular, .NET core and MSSQL.
- + Implemented a functionality which calculates remaining balance in users account based on their transactions.
- + Designed and implemented a functionality that generates a one-time password to verify transactions.

### Cirrus10, Seattle, WA — Software Engineering Intern

Sep 2018 - Dec 2018

- + Worked on migrating the company's client website from Endeca based search to Solr based search.
- + Modified an existing Java class which reads an excel file and convert it to xml, and prepare it for injection to Solr.
- + Implemented a shell script which initializes Java classes, and index the prepared data to Solr.

## PROJECTS

### Restaurant Database, Database System (school project)

- + Designed and implemented a restaurant database which tracks employees, customers, menu items and orders data.

### Image Manipulator, Data structures and algorithms

- + Developed in C++ using Visual Studio. Reads .gif images and performs manipulation such as comparison, color negation and rotation.

### Dental Payment Android App

- + Created a Java program which stores employees and patients information, and calculates summary of a bill based on dental procedures.

## Technical Skills

### Programming Languages:

C#(proficient), Java(proficient), TypeScript(proficient), C++(school experience), Python(some experience), JSP(some experience), PHP(some experience)

### Tools and Technologies:

Angular, ReactJS, .NET Core, Entity Framework Core, ASP.NET Core, SQL, MongoDB, Visual Studio, Visual Studio Code, Eclipse, MSSQL Server Management Studio, Bootstrap.

## EDUCATION

University of Washington,  
Bothell, WA

Degree: Bachelors

Major: Computer Science and  
Software Engineering

GPA: 3.37

Graduation: Mar, 2019

## UNDERGRADUATE COURSES

+ Data Structures, Algorithms  
and Discrete Math ||

+ Software Analysis and Design

+ Operating Systems

+ Computer Organization

+ Database Systems

+ The Business of Technology