

# TARUN THOTA

(860) 794 -2081 [itsmetarun1312@gmail.com](mailto:itsmetarun1312@gmail.com) [linkedin.com/in/tarun-thota](https://www.linkedin.com/in/tarun-thota) Seattle, WA

## Education

### University of North Carolina at Charlotte, Charlotte, NC

Jan 2020 - Dec 2021

#### Master of Science in Computer Science

GPA: 4/4

Coursework in Algorithms and Data Structures, Network Based Application Development, Mobile Application Development, Database Systems, System Integration, Cloud Computing

## Skills

<b>Languages:</b>	Java, Node JS, Express JS, React JS, Python, HTML, CSS, JavaScript
<b>Tools/ Frameworks:</b>	GIT, Android Studio, Jenkins, D3, Redux, AWS S3, Seneca, GCP Vision, Splunk, AWS Lambda, Scikit-Learn, Tensorflow, Graph QL, AWS Rekognition, Pytorch, Spark
<b>Databases:</b>	MySQL, MongoDB, Neo4J, Redis

## Work History

### Software Development Engineer, Amazon, Seattle

Feb 2022 - Jan 2023

- Designed and developed a solution that can analyse code coverage of ionic files with ability to process 1500+ files reducing a week's effort to 5 minutes.
- Implemented directional accuracy checks to validate proper postings of credit/debit of all accounts which improved error handling in production.
- Migrated existing production applications to ensure scalability and efficient logging of the service.
- Designed a specific format of communication between two systems which reduced the manual effort and processing time by 80%.

### Launch IT Intern, Honeywell, Charlotte

May 2021 - Aug 2021

- Created a proof of concept for the Enterprise Architecture team to understand and access the data from an Excel Sheet using Graph Database and React.JS.
- Coordinated a group of 4 people and implemented a tool to develop a Front-End Application using React.JS to extract the data from various data sources.

### Full Stack Developer, Wipro, India

Jun 2016 - Aug 2019

- Headed a team of 6 members and created a learning platform across organizations to leverage skill set in various Devops tools.
- Deployed React applications into cloud services such as AWS EC2, AWS Lambda, Heroku utilizing SDK tools.
- Developed a web service to hand over operations such as delete, add or record data using Java and Spring Boot.

## Projects

### Persona Protective Equipment Image Detector

Apr 2021 - May 2021

- Pioneered an application to detect Personal Protective Equipment worn by person in an image using AWS Rekognition service.
- Implemented documentation using swagger on how to use the APIs created in the application.

### Ninja's/E-Book Categorizer

Jan 2021 - Feb 2021

- Designed an interface to enter the book information and presented a layout to view their detailed information.
- Fine-tuned the solution by using Graph QL and reduced Rest APIs calls and reduced the number of Rest APIs to a single API by using Graph QL Query Language.

### Trivia Platform

Jan 2020 - May 2020

- Coded a Trivia platform for users to take a quiz on a topic or set of topics with a customized timer with an option to review the answers.
- Tabulated a dashboard to maintain and review all the questions which are present within the platform.

### E-Learning Application

Jan 2017 - Mar 2017

- Created an application, a user can ask a question for a community to get the perfect answers.
- Built a user experience design for users to manage the questions at various places on the screen to prioritize their set of questions.

## Accomplishments/ Certifications

<b>Certified</b> as Neo4J certified professional	Dec 2020
<b>Certified</b> as Python Developer for Data Science for real exercises by Udemy	Jul 2020
<b>Certified</b> as Full Stack Developer by Wipro Limited	Apr 2017
<b>Awarded</b> as Best Employee in the financial Year at Wipro Digital, India	Nov 2018