Aditi Nair Balachandran

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EDUCATION:

University of North Carolina at Charlotte, Charlotte, NC   **GPA: 4.0**

Master of Science in Computer Science   Jan 2020 - Expected May 2021

Related Coursework: Algorithms and Data Structures, Mobile Application Development,
 Big data analytics, Knowledge Discovery in Databases and Network Based Application Development.

Teaching Assistant for ITSC 2214 (Data Structures and Algorithms), Fall'20

Sree Chitra Thirunal College of Engineering, Trivandrum, Kerala, India

Bachelor of Science in Computer Science   May 2018

TECHNICAL SKILLS:

Languages: Java, C++, C, Python, HTML5, CSS, Javascript

Databases: Oracle SQL Developer, MySQL, PostgreSQL, MariaDB, MSSQL, Firebase

Operating systems: Android, Windows, MacOS, Linux

 Development Platforms: Android Studio, Visual Studio Code, IntelliJ

Visualization Tools: XLMiner

WORK EXPERIENCE:

SunTec Business Solutions, Trivandrum, Kerala, India   Aug 2018 - Dec 2019

Software Engineer.

- Worked as a Java developer, to enhance the product features for each client
- Worked on various databases such as Oracle, MariaDB and MSSQL, based on different client specification
- Completed several certifications including Advanced Java and Hibernate
- Completed AWS Cloud Practitioner certification

TATA CONSULTANCY SERVICES(TCS), Kochi, Kerala, India   May 2017 – Aug 2017

Intern

- Created a Cognitive Intelligent system for Robotic Process Automation of UI
- Using OCR, required details read from a file which are automatically entered into the UI
- Utilized OpenCV to implementing Image Processing in the system to identify the desired fields in UI
- Fast processing of copious number of files stored into the database in minimal amount of time

PROJECTS:

MOBILE APPLICATION DEVELOPMENT   Jan 2020 – May 2020

- Took the course in University of North Carolina at Charlotte
- Did multiple projects by application of OkHttp, JSON Parsing and Recycler Views to name a few
- Used Firebase as database and used APIs like Maps and Google Places

FIREGUIDE-Indoor Navigation System   Feb 2018 – May 2018

- Created an indoor localization and navigational mobile application
- Designed to help firefighters reach the nearest exit through the optimum route
- Displaying the real-time location on a map of the floorplan downloaded from the server
- Navigational directions are provided as virtual and voice commands