

Abdus Samee Mohammed

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TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C, HTML, CSS, JavaScript, TypeScript, Shell
- **Database Systems:** MySQL, Oracle SQL, MongoDB, Firebase
- **Frameworks:** Spring, Angular, React, Django, Streamlit, Mockito
- **Tools/Methodologies:** GitHub, Jira, Eclipse, VS Code, Android SDK, Agile

EDUCATION

Master of Applied Computing May 2022 - Present
University of Windsor, Windsor, Ontario

- Relevant Coursework: Advanced Software Engineering, Advanced Computing Concepts

Bachelor of Technology Sep 2017 - Jul 2021
Jawaharlal Nehru Technological University, Hyderabad, Telangana, India

- Relevant Coursework: Data structures, Database Management System

WORK EXPERIENCE

Analyst Jul 2021 - Apr 2022
Capgemini, Bangalore, India

- Provided level 2 support in the application support team for Comcast's in-house production applications, as well as deployment of new software upgrades, and application code to remediate known defects
- Deployed security patches to enterprise environment of 700+ servers in production and non-production patch cycle
- Provided straightforward solutions for moderate to complex technical problems of end users

Intern Jul 2020
Techionary, Hyderabad, India

- Led a team of 3 to develop a password manager using cryptographic techniques
- Utilized RSA algorithm and a 2048-bit key to encrypt passwords and stored in oracle database

PROJECTS

UwinFill - Android Application May 2022 - Jul 2022
University of Windsor, Windsor, Ontario

Java, Android Studio, Firebase, Python, XML

- Constructed an android application with android studio for frontend, python for backend and firebase for database to guide users to the nearest water refill stations
- Built API's by utilizing Volley for the communication between frontend and backend
- Designed a fragment to display statistics of the water refill stations to the users

Raftel - Shopping Cart Application Oct 2021
Capgemini, Bangalore, India

Java, HTML, CSS, Bootstrap, Javascript, TypeScript, MongoDB

<https://github.com/sam642k/Case-Study>

- Designed microservices with Spring Boot, Spring Security, Spring Cloud API Gateway, Eureka Server, and load balancing to build reliable backend servers
- Developed single-page web application in Angular with Angular Reactive Forms, and Angular Routing to create responsive interfaces
- Integrated Angular with Spring boot and connected spring boot to MongoDB

Suspect Detection System

Mar 2021 - Jun 2021

Jawaharlal Nehru Technological University, Hyderabad, Telangana, India

Python, Deep Learning, HTML, CSS, Django, Tensorflow

- Lead a team of 5 and delegated work accordingly to maximize the project efficiency
- Developed a facial recognition system using FaceNet deep learning algorithm to classify 50 different faces
- Collaborated with team members to design and create web pages using Django

CERTIFICATIONS/TRAINING

Introduction to Spark SQL and DataFrames , LinkedIn Learning	Nov 2022
Learning Hadoop , LinkedIn Learning	Oct 2022
Unix Essential Training , LinkedIn Learning	Sep 2022
AWS Certified Cloud Practitioner , AWS	Jan 2022
IBM AI Engineering , Coursera	Apr 2020 - May 2020
The Joy of Computing Using Python , NPTEL	Jul 2019 - Oct 2019
Database Design , Oracle Academy	Jun 2019
Programming in Java , NPTEL	Jan 2019 - Apr 2019
Database Programming with SQL , Oracle Academy	Feb 2019
Web Development , Internshala	Dec 2018 - Feb 2019