

# Muhammad Azeem

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Github: <https://github.com/AZEEMAZAM1> website: [azeem.onl/](http://azeem.onl/)

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## Professional Summary

Analytical and motivated Mobile Application Developer with over three years of experience in React Native, developing and maintaining cross-platform applications for both iOS and Android. Proficient in using Gradle and CocoaPods to manage native dependencies and build configurations. Experienced in building responsive, high-performance apps with a focus on user experience and scalability. Skilled in integrating third-party APIs, implementing real-time features, and optimizing app performance. Demonstrated ability to work in Agile teams, following Scrum methodologies using JIRA, and collaborating with designers and back-end developers. Strong command of JavaScript, React Native, Firebase, Redux, and RESTful APIs.

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## Key Technical skills

- **Mobile Development:** Proficient in React Native, building and deploying cross-platform applications for iOS and Android using Gradle and CocoaPods.
- **Programming & Frameworks:** Skilled in JavaScript, React Native, Firebase, and integration of RESTful APIs for scalable mobile solutions.
- **UI/UX Implementation:** Experienced in creating clean, responsive user interfaces and smooth user experiences for mobile applications.
- **Version Control & CI/CD:** Familiar with Git, GitHub, and using CI/CD pipelines for efficient app deployment.
- **Agile Methodologies:** Adept at working in Scrum-based Agile teams, using tools like JIRA for project tracking and task management.
- **Problem-Solving & Debugging:** Strong analytical skills with the ability to diagnose and resolve technical issues effectively.
- **Team Collaboration:** Effective in cross-functional team environments with excellent communication and documentation skills.

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## Education

### BSc Honours Computer Science, London South Bank University, Second Class

(September 2022 – June 2024)

#### Big Data & Database System, 55

- Implemented a database using MSSQL to manage customer and delivery records, including table creation, modification, and maintaining and data access. Transformed data into visual insights with an interactive Tableau dashboard displaying customer details, orders, and order status.

#### Data Mining & Data Analytics, 60

- Created a decision tree algorithm to identify car accidents in Hackney Borough, conducting extensive data collection and analysis to train the model.
- Produced actionable insights by recommending changes to road layouts to improve safety and reduce accidents based on the model's predictions.
- Presented findings in a detailed report, leading to discussions with local authorities on potential infrastructure changes.

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## Projects

- **Mobile App Development – React Native, 55** <https://github.com/AZEEMAZAM1>  
Developed a mobile application using **React Native** to manage customer and delivery records, integrating **local storage and Firebase** for data handling. Designed user-friendly interfaces for viewing and modifying customer and order data. Integrated dynamic charts using third-party libraries to display **order statuses and delivery tracking** visually within the app.

- **Predictive Analytics & App-based Insights – React Native, 60**

Built a React Native app that used **decision tree logic** to identify high-risk traffic zones in the **Hackney Borough**. Processed historical traffic and accident data using Python, then embedded the predictive model's output into the mobile UI to display **real-time risk zones** and safety recommendations.

The project led to **user-driven reports** within the app, which were shared with stakeholders, supporting discussions on **smart city infrastructure improvements**.

### [AndroConsis/Food-Delivery-App](#), open-source project

*(February 2023 – May 2023)*

- Worked in a team of 3 within an agile setting, exhibiting excellent team work, problem solving and effective communication.
- Developed a web application using HTML and CSS which was tested on browsers for compatibility.

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## Additional Training

### AI and Machine Learning bootcamp, London South Bank University

*(January 2024 – July 2024)*

- **Python Programming:** Mastering the fundamentals and advanced techniques of Python.
- **Data Visualization with Matplotlib and Seaborn:** Crafting insightful visualizations.
- **Pandas DataFrame:** Efficiently manipulating and analysing large datasets.
- **Machine Learning Regression Models with scikit-learn:** Developing predictive models.
- **Deep Learning with TensorFlow:** Building sophisticated regression and classification models.

## Programming Mobile Applications for Android Handheld Systems

### , University of Maryland, Pass

*(September 2019 – July 2021)*

- Android App Development (Java/Kotlin)
- UI/UX Design for Mobile Apps
- Networking & API Integration
- Data Storage (SQLite, SharedPreferences)
- Multithreading & Performance Optimization

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## Work Experience

### Machine Operator, GotaGarm

*(aug 2022 – july 2024)*

- Collaborated with a team of 6 members and sending sales figures to duty manager utilising excel.
- Conducted regular inventory checks and removed expired stock within required deadlines.
- Experienced in a client facing environment and multitasking to meet service priorities.
- Consulting with new staff on till operation and providing clear and concise training.
- Overseeing the workload across multiple shop floors and managing deadlines for stock rotation and providing updated staff.
- **Collaboration:** Directed constant communication with business stakeholders such as Store/Regional Manager and incoming customers.

### Sales Advisor, Meraj Travels (part-time) (on-contract)

*(November 2024 – February 2025)*

- Assisted customers with flight booking issues, including modifications, cancellations, and refunds.
- Provided real-time support via chat, email, and phone to resolve travel-related inquiries.
- Ensured customer satisfaction by addressing concerns promptly and professionally.
- Maintained accurate records of customer interactions and transactions.