

# ABD ALRAHMAN ALAHMAR

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## Profile

Experienced software engineer with a strong foundation in Object-Oriented Programming, Algorithms, and Data Structures, Recently graduated from MSc Computing, My expertise in these areas enables me to deliver high-quality software solutions that meet complex business needs. I am seeking challenging work opportunities that allow me to continue expanding my knowledge and expertise as a software engineer, working alongside a team of some of the best professionals in the field.

## Education

### Griffith College, MSc Computing:

Sept 2022 – Sept 2023

- **Courses:** Parallel & Distributed Programming, Cloud Platforms & Application, Information Security, Agile Software Development, Mobile Development.

### Canadian University Dubai, BSc Computer and Networking Engineer:

Sept 2018 - May 2022

- **Courses:** Java Programming, Database Design, Network Programming, System Analysis and Design, Project Management, Network Security and Administration, Intelligent Systems, System-Level Programming.

## Skills

Languages: Kotlin, Java, Python, Dart, JavaScript, Golang.

Technologies: React Native, Flutter, Next.js, Node.js, Firebase, AWS, Google Cloud, Docker, Terraform, MySQL, SQLite, MongoDB, PostgreSQL, Git, REST API, HTML, CSS, Linux, WordPress, Json.

Soft Skills: Teamwork, Leadership, Problem-solving, Time management and Adaptability.

## Professional Experience

### ReuniteCode, Web Developer (Freelance)

July 2023 - Present

- Migrated an existing website to WordPress for improved client control and ease of content management.
- Integrated multiple APIs to facilitate real-time data exchange with the server.
- Managed a smooth transition to a new domain, handling database, email, and SSL transfer effectively.
- Developed an admin dashboard for sales analytics using Next.js and Flask featuring dynamic data visualizations.

### Monteva, Software Engineer (Freelance)

Sept 2022 - Present

- Created a dynamic website and mobile app (Android and iOS) alongside a responsive dashboard powered by Next.js.
- Empowered clients with analytics tools, streamlined customer request management, and user-friendly image management within the dashboard.
- Engineered a reliable backend server in GoLang, establishing APIs for seamless communication between the dashboard and mobile app.

### Green Apple Travel & Tourism, Web Developer (Intern)

Apr 2021 - July 2021

- Designed and developed visually appealing and intuitive user interfaces using HTML, CSS, and JavaScript for front-end development.
- Maintained high search engine rankings for company websites by implementing SEO best practices.
- Resolved a wide variety of hardware and software issues by utilizing analytical skills.
- Enhanced data security through access controls and up-to-date security protocols.

## Morial Mod Watches, *Web Developer Part-Time*

Feb 2018 - Feb 2020

- Developed, updated, and monitored the company websites to ensure they are up-to-date, visually appealing, and user-friendly. This led to increased traffic and improved user engagement.
- Maintained and troubleshooted technical problems to minimize downtime and ensure optimal performance of company websites. Additionally, implemented security measures to protect against cyber-attacks, ensuring that customer data and company information are kept safe.
- Managed and configured company emails, ensuring efficient communication within the organization and with customers. Responded promptly to customer inquiries and addressing any concerns or issues.

## Projects

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### Classified Mobile App (Flutter, Node.js, MongoDB, Cloudinary )

- Developed a user-friendly platform for buying and selling items in Ireland, leveraging Node.js with MongoDB for the backend and Cloudinary for image storage.
- Implemented advanced features, including a robust fuzzy search functionality that ensures product discovery even with misspelled words.
- Integrated augmented reality capabilities by utilizing remove.bg to remove backgrounds from product images and displaying them in real-time through the device's camera, enhancing the shopping experience.

### E-Commerce App (Flutter, Node.js)

- Developed a mobile e-commerce application using Flutter framework for the front-end and Node.js for the back-end.
- Built an admin panel to manage products, accept orders, and display a total earnings chart.
- Integrated Google Pay for payment processing, providing a seamless and secure payment experience for customers.

### Video Meeting App (Flutter, Firebase, Jitsi)

- Designed and developed a video meeting application using Flutter and Firebase, enabling users to host and join virtual meetings from their devices.
- Utilized Firebase Cloud Firestore and Firebase Cloud Functions to store and manage user data, ensuring secure and scalable data management.
- Integrated video calling features using the Jitsi SDK, enabling high-quality video and audio communication between users.
- Implemented user authentication and authorization using Firebase Authentication, ensuring secure access to the app's features and data.

### To Do List App (Kotlin, SQLite)

- Developed a mobile to-do list application using Kotlin programming language and SQLite database.
- Designed and implemented a user-friendly interface for adding, editing, and deleting tasks, making it easy for users to manage their to-do list.
- Integrated SQLite database to store and manage user data, ensuring secure and scalable data management.

## Certificates/Awards

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Parallel and Concurrent Programming with Java 1 

Feb 2023

Java Algorithms 

Feb 2023

Java 11+ Essential Training 

Feb 2023

React Native Udemy Certificate 

Feb 2023

Flutter & Dart Udemy Certificate 

May 2022

## Interests

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Graphics Design - Mobile App Development – Equestrian