

# ABD ALRAHMAN ALAHMAR

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## Profile

Experienced software engineer with a strong foundation in Object-Oriented Programming, Algorithms, and Data Structures, holding a distinguished academic achievement of earning a First-Class Honor in MSc Computing. My expertise in these areas enables me to deliver high-quality software solutions that meet complex business needs. I am actively seeking challenging work opportunities that leverage my skills and allow me to contribute to innovative projects. I am eager to join a dynamic team of top-notch professionals, where I can continue expanding my knowledge and honing my expertise as a software engineer.

## Education

**Griffith College, MSc Computing: First-class honours**

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, TypeScript, Golang.

**Technologies:** React Native, Flutter, NextJS, NodeJS, ExpressJS, 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

**SafeBuddyCode, Full Stack Developer (Remote Work)**

Dublin - July 2023 - Present

- Developed a responsive and dynamic website using Next.js for the frontend, ensuring optimal performance and user experience.
- Built a robust backend server with Flask, enabling secure and efficient handling of data and user authentication.
- Integrated a comprehensive dashboard for analytics, providing real-time insights and tracking of sales metrics.
- Implemented features for updating product details and managing blog content, enhancing overall site functionality and user engagement.

**Monteva, Software Engineer (Remote Work)**

Qatar - 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)**

Dubai - 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)**

Dubai - 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.

### **Learning Management System (NextJS, Typescript, Express, Stripe, Socket IO, MongoDB, VdoCipher)**

- Built a full-featured Learning Management System using the MERN and Next.js stacks with TypeScript.
- Key features included user authentication, Stripe payment integration with real-time notifications via Socket.IO,
- Custom analytics dashboard to track sales and course uploads.
- Encrypted course content with VdoCipher to prevent unauthorized recording.

## **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 Udem Certificate **

Feb 2023

**Flutter & Dart Udem Certificate **

May 2022