ABD ALRAHMAN ALAHMAR

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GitHub · LinkedIn

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, 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

ReuniteCode, *Web Developer (Freelance)*   Dublin - 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)*   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

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 Nodejs 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

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

Graphics Design - Mobile App Development – Equestrian