MOHAMMAD RAMMAL

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Objective

Aspiring Full Stack Developer actively building proficiency in MERN Stack (MongoDB, Express.js, ReactJS, Node.js). Currently working on diverse projects including ecommerce websites and responsive applications. Developing expertise in both non-relational (MongoDB) and relational (MySQL) databases, mastering backend technologies, and acquiring skills in Progressive Web Application (PWA) development. Eager to contribute innovative solutions, collaborate in a dynamic learning environment, and apply agile methodology and project management. Anticipating Full Stack Web Developer certification upon program completion.

Experience

- **ESA Coding Lab** — Oct 2023 - March 2024
  Full Stack Developer Program Participant
  Building proficiency in MongoDB, Express.js, ReactJS, Node.js.
  Currently working on projects, including ecommerce websites and responsive applications.
  Developing expertise in non-relational (MongoDB) and relational (MySQL) databases.
  Mastering backend technologies: Node.js, Express.js, PHP, JavaScript OOP.
  Acquiring skills in Progressive Web Application (PWA) development.
  Actively collaborating in a dynamic learning environment with industry experts.
  Applying agile methodology, project management, and Unified Modeling Language (UML).
  Anticipating certification as a Full Stack Web Developer upon program completion.

- **Self-Employed** — Feb 2018
  IT Technician
  - Provided technical maintenance and support for hardware and
  software issues.
  - Proficient in troubleshooting, minimizing downtime, and
  ensuring optimal system performance.
  - Excellent communication skills and client relationship building.

- **OGERO** — Jul 2022 - Oct 2022
  Internship Trainee
  Gained insights into telecommunications operations, enhancing understanding of connectivity services.
  Observed OGERO's commitment to reliable communication solutions for customers.

- **Huawei** — Jul 2022 - Aug 2022
  Internship
  Participated in the "Seeds for the Future" program, collaborating on cross-cultural ICT projects.
  Developed solutions for positive social impact using technology.

- **IEEE** — May 2022 - May 2022
  Volunteer
  Contributed to the "AI in Healthcare" workshop, exploring AI's potential in healthcare applications.

Education

- **Lebanese International University** — 2023
  Master's of Science in Computer and Communication Engineering
  3.74/4

- **Lebanese International University** — Jan 2019
  Bachelor of Science in Computer Engineering (BS)
  3.69/4

Skills

- HTML5
- CSS3
- JavaScript
- Php
- MySQL
- ClickUp
- Figma
- Git and Github
- Web Development
- Problem-Solving
- Responsive Design
- IT Technician

Projects

- **Elderly Healthcare System - IoT Fall Detection | Grade: 94/100**
  Developed IoT-based fall detection system using computer vision.
  Achieved 98% accuracy through machine learning models.
  Created Android app for real-time notifications.
  Demonstrated the potential of IoT and computer vision for enhancing elderly safety.
- **We Live - Hospital Room Management App | Huawei (SFTF)**
  Collaborated on project to optimize hospital room management.
  Designed tracking application to streamline room availability tracking.
  Integrated LCD screens with Wi-Fi and RFID technology for real-time information.
- **Smart Water Irrigation System | Grade: 90/100**
  Automated irrigation system using Arduinos and NodeMCU.
  Monitored plant conditions and implemented autonomous irrigation.
  Provided user-initiated control via Android smartphones and voice commands.

Interests

- Artificial Intelligence
- Science and Technology Advancements
- Social Services and Project Management
- Lifelong Learning and Personal Growth

Language

- Arabic
- English

Achievements & Awards

- Lebanese International University Spring 2018-2019 Honor List: Dean GPA: 3.69/4
- Lebanese International University Fall 2018-2019 Honor List: Dean GPA: 3.66/4
- Lebanese International University Spring 2017-2018 Honor List: Dean GPA: 3.85/4

Activities

- Attended Photoshop workshop by HIT.MENA for image editing and graphic design skills.
- Completed digital communication skills training program at Centre Mine.
- Participated in IEEE workshops focusing on AI in Healthcare.