

Ahmad M.N. Zaza

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Skills

- **Java/Kotlin, C/C++/C#, Unit testing**
- **JavaScript/TypeScript, HTML/CSS**
- **Python, MATLAB, SQL/NoSQL**
- **Bash (Linux/CentOS), Batch (Windows)**
- **Web Frameworks:** Spring/Spring Boot, React, Angular, Vue, JSF (PrimeFaces), MUI/Ant Design/Bootstrap/SASS, vite.js, Django
- **APIs & Messaging:** REST API/SOAP, Kafka, MQTT (RabbitMQ, EMQX), Node.js/Express
- **Databases:** PostgreSQL, MySQL, MongoDB, H2 Database, Redis
- **AI & Machine Learning:** Keras, PyTorch, Scikit-Learn, TensorFlow, FlowiseAI
- **Containerization & Virtualization:** Docker, Kubernetes, VirtualBox, VMWare, VMs
- **Geospatial:** Mapbox/Maplibre, GIS (general)
- **DevOps & Infrastructure:** Apache/Tomcat, Nginx, JBoss/Wildfly, Conda
- **Cloud & CI/CD:** Azure, AWS, Bamboo
- **Development Tools:** Maven/Gradle, npm, Git/GitLab, SVN, Atlassian Suite (Jira, Bitbucket, Tempo, Wiki), Swagger, Postman, Orval

Languages

- Arabic, English - *Native language*
- Chinese (Mandarin) - *Elementary*
- Spanish - *Beginner*

Accomplished Software Developer with a proven track record at multiple institutes, leveraging agile methodologies and research inclined background to enhance multiple projects' overall output. Proficient in a wide range of frameworks and libraries, with a strong focus on problem-solving and collaborative project management, ensuring seamless deployment of robust applications.

Work History

Software Developer

QMIC, Doha, Qatar | April 2020 - Current

- Collaborated with cross-functional teams to deliver high-quality products on tight deadlines in agile manner.
- Demonstrated strong problem-solving abilities by quickly identifying and resolving defects, leading to increased application stability and user satisfaction.
- Worked with various ranging libraries and frameworks including Java, Spring, Map APIs, Restful API, SOAP, React, PostgreSQL and much more.
- Devised and deployed predictive models using machine learning algorithms to drive business decisions by using large datasets, achieving high levels of accuracy in predictions.
- Currently maintaining over 7 Full Stack, enterprise level projects that went from development to quality assurance, to deployment on production flawlessly while being used by acknowledged customers.

Research Assistant

Qatar University, Doha, Qatar | October 2018 - August 2020

- Worked two separate NPRP projects. Worked mainly with Blockchain and Machine Learning technologies while producing 3 publications.
- Participated actively in regular meetings with fellow researchers to discuss project updates, challenges faced, and lessons learned during ongoing activities.
- Produced 2 working prototypes for different protocols developed during research.

Software Developer

Ogoul Technology, Doha, Qatar | June 2019 - May 2020

- Performed regression and system-level testing to verify software quality and function prior to release.
- Collaborated with project managers to select ambitious, but realistic coding milestones on pre-release software project development.
- Enhanced Cognitive abilities and brainstorming capabilities under new environment and challenges.
- Developed and maintained 3 Full Stack web applications to be used in house and for outside customers.

Education

Master of Science in Computing

Qatar University, Doha, Qatar | Expected in June 2025

- 4.0 GPA
- Currently have 3 publications (1st Author).

Bachelor of Science in Computer Science

Qatar University, Doha, Qatar | December 2018

- Graduated with High Honors.
- Dean's List From 2015 Spring to 2018 Fall.

Accomplishments

- Won "Best Student Project" for multiple course work from 2015 to 2018.
- Participated in GCC Robotics Competition in 2016 (**Placed 2nd**).
- Interned at **Huawei Headquarters** for a month (December 2018, Shenzhen, China).
- Was part of **Marketing and Management team in Graduate Studies Office in Qatar University**.