

RAMADAN (EXCEL) RAJI

(920) 664-2275 • linkedin.com/in/ramadan-raji • armadanraji@gmail.com

PROFILE

Business Analyst with experience in AI/ML implementation, data analytics, and process optimization to drive revenue growth, minimize costs, and accelerate cycle time. Builds predictive models, conducts A/B testing, and develops automated dashboards and data pipelines. Aligns stakeholders on KPIs and translates data into actionable insights

EDUCATION

University of Wisconsin-Madison, Wisconsin School of Business, Madison, WI

2026

Master of Science in Business Analytics Candidate

- GPA: 4.00/4.00
- Key Coursework: Machine Learning, Prescriptive Modeling & Optimization, Data Visualization

University of Wisconsin-Madison, Madison, WI

2021

Bachelor of Science in Kinesiology and Exercise Science

PROFESSIONAL EXPERIENCE

Exact Sciences, Madison, WI

11/23 - Present

Clinical Laboratory Scientist

- Automated CLIA-regulated laboratory workflows using Python and Node.js, decreasing manual intervention by 60% and improving efficiency by 25% in tumor DNA/RNA analysis (20K+ genes/sample).
- Collaborated with cross-functional teams to integrate Quantitative Allele-specific Real-Time and Signal Amplification methodologies into a CI/CD pipeline, ensuring validated and reliable colorectal cancer assay processes.
- Optimized HMI interface architecture for patient analysis testing, reducing sample processing time by 50% for over 1,000 daily colorectal cancer assays.

100Devs, Los Angeles, CA

10/22 - 11/23

Software Engineer (Contract)

- Designed and optimized 50+ RESTful API endpoints using Node.js and Express, improving system integration and reducing API development time by 20%.
- Implemented PostgreSQL database architecture, accelerating data retrieval efficiency by 50% and enabling faster decision-making for stakeholders.
- Collaborated in Agile/Scrum teams (6+ developers) to deliver scalable applications using MVC patterns and Next.js, ensuring code quality and maintainability.
- Developed an open-source software project aimed at enhancing digital literacy in underserved communities, resulting in over 500 downloads and training over 200 users within the first year.

UW-Health Rehabilitation Hospital, Madison, WI

01/21 - 11/22

Software Engineer

- Spearheaded development of a HIPAA-compliant Patient Management System in Next.js and Node.js, cutting admission workflows by 15 % and enabling same-day feature releases.
- Conducted bi-weekly feedback cycles with clinical stakeholders, aligning backlog with business priorities and boosting new-feature adoption by 40%.
- Designed and maintained a secure DevOps pipeline with Docker, GitHub Actions, and Snyk, cutting CI/CD time 78% while mentoring three junior engineers in best practices.

SKILLS

Programming & Data: Python, R, SQL (PostgreSQL, MySQL), JavaScript, TypeScript, HTML/CSS

Analytics & BI: Tableau, Power BI

Cloud & DevOps: AWS (S3, Redshift, SageMaker), Google BigQuery, Docker, Kubernetes, Git, GitHub, NPM, LLMs (OpenAI, Llama, Gemini)

Data Platforms & Automation: MongoDB, Celonis (Process Mining), UiPath (RPA), LucidChart

Practices & Methods: Agile/Scrum, TDD

Core Competencies: Analytical Thinking, Problem Solving, Project Management, Data Extraction, Data Mining, Process Mapping, Process Automation, Data Analysis