

JOHN MALEK GARANG

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EDUCATION

Bocconi University Milan, Italy
MSc in DATA SCIENCE AND BUSINESS ANALYTICS September 2025 - May 2027

Jomo Kenyatta University of Agriculture and Technology Nairobi, Kenya
BSc in INFORMATION TECHNOLOGY January 2020 - April 2024

PROFESSIONAL EXPERIENCE

Eclectics International Nairobi, Kenya
Software Development Attachee May 2023 - September 2023

- Developed the backend of a web application, ensuring robust functionality and scalability.
- Implemented Authentication and Authorization using Spring Security for secure user access.
- Leveraged Spring Data JPA for efficient database operations.
- Designed and exposed RESTful APIs to support frontend and mobile app developers.
- Handled user-uploaded file and image management, ensuring data integrity and compliance.

Ujamama Africa Nairobi, Kenya
Field Officer May 2018 - January 2020

- Trained school-age boys on the "Hero in Me" curriculum, focusing on leadership and social impact.
- Provided comprehensive reports on program adoption and outcomes.
- Conducted randomized control trials (RCTs) for program evaluation.
- Coordinated with schools and community stakeholders to deliver impactful sessions.

LANGUAGE SKILLS

English: Fluent (Writing, Reading, Speaking, Listening)

Italian: Beginner

IT SKILLS

- **Programming:** Java, Python, C, C++, PHP, JavaScript.
- **Web Development:** HTML, CSS3, ReactJS, Laravel and NodeJS.
- **Database Management:** SQL, MongoDB, PostgreSQL.
- **Frameworks and Libraries:** Django, Flask, Spring Boot, ReactJS
- **Version Control:** Git and Github.
- **Software Development methodologies:** Agile, Waterfall, Rapid Application Development.
- **Data analysis:** Pandas, NumPy and Matplotlib
- **Communication:** Excellent verbal and written communication skills

General IT Skills

- **Word Processing:** Microsoft Word, Google Docs
- **Spreadsheets:** Microsoft Excel, Google Sheets
- **Presentations:** Microsoft PowerPoint, Google Slides
- **Email & Communication:** Gmail, Outlook
- **File Management & Operating Systems:** Windows, Linux and Internet & Basic Research Skills.

ADDITIONAL INFORMATION

Leadership

- Aspire Leadership Institute Program