# Mike Teddy Omondi

contact@miketeddyomondi.dev | +254-717-135176 | P.O. Box 6592-00100, Nairobi

## EDUCATION AND HONORS

**Masinde Muliro University of Science and Technology,** School of Computing and Informatics — Kakamega, KE
Bachelor in Computer Science (BSc) — Dec 2019
- Relevant Coursework: Machine Learning, Data Science Statistics, Functional Programming, Object Oriented Programming, Probability & Discrete Mathematics

**Institute of Advanced Technology,** Pension Towers — Nairobi, KE
Certified Ethical Hacking — Feb 2020
- Relevant Coursework: Foot Printing & Reconnaissance, Scanning Networks, Vulnerability Analysis, System Hacking, Malware Threats, Social Engineering, Cloud Computing, Cryptography

**Digital Opportunity Trust,** Nairobi — Nairobi, KE
Data Analysis with Excel — June 2023
- Relevant Coursework: Working with data & Excel tables, performing calculations on data, changing workbook appearance, Data filtering, Analyzing datasets with pivot tables and pivot charts, Ethics

## PROFESSIONAL EXPERIENCE

**Adept Technologies Limited** — Nairobi, KE
*Supervisor* — April 2022 - August 2022
- Overlooking the process of picking of case files from specific registries indexing, preparation, scanning and reconstruction of the case files before returning them back to the respective registries.
- Utilized Python programming language to simplify renaming of files together with PowerShell scripts to achieve the same.
- Prepared and presented reports to team's Head of Department (H.O.D) for forwarding to the executives for filing and archiving.

**Tony West Limited** — Nairobi, KE
*Intern (Stock Controller)/Admin* — August 2020 - December 2020
- Utilized Google Sheets and Google's App Script to automate the stock-taking process that will allow seamless real-time stock manage together with the store managers.
- The automated input is analyzed and sent to the Director, Financial Manager and Accountant for more analysis and decision making.

**Institute of Advanced Technology** — Nairobi, KE
*Intern* — June 2018 - August 2018
- Provided expertise on helpdesk and consulting services to members and students of the institution whenever they encountered technical issues with their workstations.
- Performed checks on all IT equipment assigned and nodes (virtual machines) are networked and functional before lectures.

**Otieno Oboge and Company** — Nairobi, KE
*IT support / Audit Assistant* — January 2015
- Provided expertise on helpdesk and consulting services to members of the company whenever they encountered technical issues with their workstations.
- Performed checks on all IT equipment assigned and nodes (virtual machines) are networked and functional before lectures.

## SKILLS

- **Programming Languages (Software Engineering):** JavaScript, TypeScript, Python, C, HTML, CSS
- **Database Administration & Management:** MySQL, PostgreSQL, MongoDB, Redis
- **Publish/Subscribe System Configuration and Setup:** RabbitMQ
- **Application Programming Interfaces:** REST
- **Containerization of Software Applications:** Docker, Web Assembly (WASM)
- **Orchestration of containerized software:** Kubernetes, Nomad
- **Help Desk and Consulting Services.**
- **Data Digitization and Migrations.**
- **Bare Metal System Administration & System Architecture Design.**
- **Computer Networking, Configuration & Troubleshooting.**

## PROJECTS AND LEADERSHIP

**Project Manager – El' Mariam Hotel System**                                                    Nairobi, KE
*Rancko Solutions*                                                                                January 2020
- Designing and delivering an enterprise-based software to meet and solve the business requirements needs for an upcoming hotel back in Awasi, Kisumu County.

**Founder**                                                                                       Kakamega, KE
*Rancko Solutions – https://*www.ranckosolutions.com                                              November 2019
- Initiated a consulting startup that will be able to invent and innovate technologies involving software and hardware that would help other businesses solve their technical challenges involving Information Technology and meet their business requirements faster.

**4th Year University Degree Project – Stock Price Prediction with LSTM Networks**                 Kakamega, KE
School of Computing and Informatics *(Masinde Muliro University of Science and Technology)*        March 2019
- Built a project on free and open-source technologies to come up with a Machine Learning model that could be used to predict the next day future stock price (opening and closing) in order to determine the profitability of the following day's trades.

**3rd Year University Degree Project – MMUST Hub**                                                 Kakamega, KE
School of Computing and Informatics *(Masinde Muliro University of Science and Technology)*        February 2018
- Built a project using the Java programming language and MySQL database to come up with a centralized system for easing communication of all university documents including; memos, notices, class assignments and take away continuous assessment tests among others.

## REFEREES

1) **Mrs. Diana**
   *Former Human Resource – Adept Technologies Limited*
   +254-714-374043
   nkirote.diana@gmail.com

2) **Mr. Kennedy Otieno**
   *Secretary – Onagi Sacco & Auditor – Otieno Oboge & Company*
   +254-725-241074
   jobkke@yahoo.com

3) **Mr. Michael Ndung'u**
   *Former Head of IT, Institute of Advanced Technology (Buru Buru Branch)*
   +254-722-879171

4) **Mr. Jasper Ondulo**
   *Lecturer & Head of Exams School of Computing and Informatics – Masinde Muliro University*
   +254-722-879171