

# **CURRICULUM VITAE**

## **KARIUKI P. CRISPUS THUKU**

BOX 6 Murang'a

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### **PERSONAL INFORMATION**

Date of birth: 28 November 1989

Nationality: Kenyan

Gender: Male

Marital status: Married

### **SKILLS**

- Electrical and Electronics Engineering,
- Mechanical Engineering, Solid and structural mechanics,
- Robotics and automation, mechanical and electrical fusion via programming
- Software development (Web API ASP.NET, MVC, C# and XML, Python Django)
- Mobile Phone Application Development (Windows Phone, Android, IOS).
- Web design and development (.NET, PHP, Laravel, XHTML, CSS, JQUERY, HTML, JAVA, SCALA and XML)
- Programmable Logic Controller programming (Ladder diagrams)
- Database Programming and Maintenance (ORACLE, MSSQL, MYSQL)
- Internet of Things API programming (SOAP, JSON) web service data exchange
- ESB software's, integrations and data exchange
- MQ data exchange, IBM Messaging que
- Knowledge of current trends and developments in information technology.

### **EMPLOYMENT HISTORY**

**August 2016 – to date** Data Integration Technologies as a Senior Software Developer. Duties include

- API Banking Software development.
- Lead development projects and drive them through implementation
- Head in system integration and deployment.

- Manage day to day project schedules, activities, resources, deliverables and risks
- Head development and implementation team, allocating tasks consolidation and verification
- Core Banking Software Development (Finfinancials) Team leader
- Cheque Point system development as Team Leader
- SQL database development, maintenance and optimization for big data.

#### **Projects Headed in core banking**

- ✓ TANESCO SACCOS (Tanzania)
- ✓ RCA (Rwanda)
- ✓ JUMUIKA (Kenya)
- ✓ NACIWASCO (Kenya)
- ✓ AMIR (Rwanda)
- ✓ BAT (Kenya)

#### **Projects headed in Cheque Point**

- ✓ CBA (Uganda and Tanzania)
- ✓ DASHEN Bank (Ethiopia)

#### **Projects headed in E Banking**

- ✓ Citi bank KPLC
- ✓ Citi Bank E-bills
- ✓ Citi Bank CNPS and PPF

**August 2015 – to August 2016.** Digital Media Sacco Limited as a Software Developer. Duties include

- USSD Application development,
- API development,
- Database creation, backup, tuning, restoration and creating highly available environment,
- Web application development,
- Business intelligence and analysis,
- Data mining,
- Software Re-engineering,
- Support in current application as well as take lead in new once
- SQL and MYSQL databases administration.

**Feb 2014 – to July 2015.** Vineyard Holders Electronic Engineering and Automation Holders as an Electronic and automation Engineer in the maintenance department. Working on automated machines repair and maintenance. Programming machines and electrical repairs. Designing machine automation and implementation. Software/ Database Development and maintenance.

**Jan - April 2012.** Kenya Bureau of Standards. Senior laboratory analyst at testing, instrumentation and standardization center Mechanical and Electrical department. Duties included testing and standardization of electrical and mechanical equipment and appliances.

Jan - May 2011. H. G. Kigo Excavator Services. Plant Machine Operator and daily maintenance duties. Excavator Operator and maintainer.

## **EDUCATION**

**July 2009 - Jan 2014.** Dedan Kimathi University of Technology.

BSc. Mechatronic Engineering. Attained skill in

- Mechanical engineering
- Electrical and Electronics engineering
- Software and automation engineering

**Jan 2003 - Nov 2007.** Kiaguthu Boys Secondary School.

Kenya Certificate of Secondary Education

Attained a mean grade B plus.

**Jan 1995 - Dec 2002.** Gatundu-ini Primary School

Kenya Certificate of Primary Education

Attained 357 marks.

## **LIKES AND INTRESTS**

Traveling, swimming.

Community relations

## **REFERENCES**

1. Dr. J. N. Keraita

Dean School of Engineering

Dedan Kimathi University of Technology

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2. Raymond Mutura

General Manager Data Integration Technologies

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RMutura@fintech-group.com

3. Risper Oeri

Operations Manager

Digital Media Sacco

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