

CURRICULUM VITAE

MARTIN GITEHI NYAMBURA

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PROFILE

I am a young software engineer who is passionate about web and mobile solutions. I work well with the MEAN stack and when needed, I also work with the ASP.NET MVC/C# stack.

KEY COMPETENCIES

- UI/UX Design—I have experience, in web, mobile and desktop, designing and creating user interfaces that are attentive to an easy user experience. I can provide screenshots or references to work illustrating this.
- Agile SCRUM development methodology. While I haven't worked with a team in my previous position, this would not be a problem for me.
- Full SDLC Experience—through the projects I have created, I am experienced in system requirement specification, system design, coding, testing and implementation—including user support.
- Database Implementation—I am experienced in Microsoft SQL Server database, writing SQL Scripts and managing data access using the latest Entity Framework ORM technologies including Code First and Database First Migrations. I have practical experience working with MongoDB for NoSQL databases.
- REST APIs—creation of RESTful APIs and integration of external ones. I am conversant with ASP.NET Web API 2 and NodeJS for development of APIs. I also implement external APIs e.g. SMS.
- DevOps—I understand the continuous integration pipeline including staging, review and production steps using Heroku in my case.
- Hosting – I have experience hosting services and microservices online with Heroku, firebase for media and mLAB for MongoDB instances.
- Version Control—I am conversant with Git for version control. I Git here: <https://www.github.com/martingitehi>

FUNCTIONAL COMPETENCIES:

I have practical knowledge of the following technologies:

- Microsoft: C# .NET, VB.NET, ASP.NET MVC, Entity Framework ORM, MS SQL Server, Visual Studio IDE.
- Databases: MS SQL Server, T-SQL scripting, Entity Framework ORM, MongoDB
- Front-End Design: Angular, JavaScript, HTML5, Bootstrap, CSS 3
- Mobile Development: Cross-Platform development using Xamarin, XAML and C# for iOS, Android and Windows as well as hybrid apps with the Ionic framework and Cordova. I have a current projects based on this.
- Open Source: Node.JS, Express, Ionic Framework, TypeScript

WORK EXPERIENCE

November, 2017 – Present: Software Engineer, SpektraPay

- Working on a Fintech solution integrating digital solutions and e-commerce in Africa.
- I build out consumer-facing applications, both mobile and web.
- I also build the RESTful ecommerce API that interacts with the payments API.
- Work with the UI/UX designer to refine the customer experience
- Actual on-device testing for compatibility.

April 2017 – October, 2017

Freelance development of mobile POS systems with ionic, typescript and angular.

Software Engineer (Fintech Division: Reporting to COO) – Empire Microsystems Limited (Jan 2017 – April 2017)

- This period extended my internship and involved the deployment and implementation of the Web Portal System to clients.
- Remote/Distributed Support and improvement in consultation with users.
- Translation of system flows into wireframes, dry runs and explanation of technical information to non-technical terms for stakeholders.
- Design of complementary mobile application (s) for current systems to allow for migration.
- Brainstorming new ideas with COO and other stakeholders to evaluate their technical requirements, best technologies and designing execution plans.
- I worked alone on this project and completed it in time. It is hosted on different servers for various clients.

Software Engineering Intern (Fintech Division: Reporting to COO) – Empire Microsystems Limited (Aug 2016 – Dec 2016)

- Direct user support for SaccoPlus MFI software.

- Consultancy with the COO and clients for the Software Requirements Specifications of a new web portal supporting Microfinance institutions and Savings and Credit Co-operative Societies.
- Design, coding and testing of the SaccoPlus Web Portal system using ASP.NET MVC, C#, Angular, HTML5 and Entity Framework ORM. This system is expected to scale to more than 20 clients and eventually replace the classic system.
- External SMS API integration.

Freelance Software Development (2015 – Aug 2016)

- During this period, I created small C#-based desktop applications for small businesses.

EDUCATIONAL BACKGROUND

May 2011 - Dec 2016: Meru University of Science and Technology (BSc. Computer Technology)

2006 - 2009: Kerugoya Boys' High School (Kenya Certificate of Secondary Education – KCSE)

OTHER SKILLS

- **Professional Writing**—I have very good communication skills, both in English and Kiswahili. I have written professionally as a rapporteur to the 2015 CFCS Conference on Human Rights of Gender and Sexual Minorities and the report has been published.

REFERENCES

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