Jackson Thapelo Moji

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TECHNOLOGY SKILLS

Programming Languages: **PHP, PHPUnit, Python, JavaScript, SQL**
Operations Technologies: **Docker, Vagrant, Git, Github**
Web Backend Technologies: **Apache, Django, MySQL, SQLite**
Web Frontend Technologies: **Javascript, Bootstrap, CSS, SASS.**
Operating Systems: **Windows, Linux**
Familiar with: **AngularJS, Netlify, ReactJS, C#, Java, Flask, Laravel, MongoDB, PostgreSQL, Heroku, AWS**

PROJECTS

BantuWeb   2019
UCT MSc Project [Angular—Django—AWS—PostgreSQL—Apache]
- Bantuweb is a document discovery and crowd-sourcing platform developed in efforts to translate articles extracted from Wikipedia to indigenous South Africa languages in a gamified environment.
- **http://bit.ly/bantuweb**

Jacksonmoji   2019
Personal Project [ReactJS—SASS—SQLite—Netlify]
- Designed and Developed a SPA for my personal digital presence. Its a work in progress.
- **https://jacksonmoji.tech**

EDUCATION

MSc Computer Science   Current
University of Cape Town

BSc (Hons) Computer Systems Engineering   July 2015
University of Sunderland

EXPERIENCE

Software Engineer   November 2019 - Present
A24 Group — Remote
- Working on a legacy enterprise system for recruitment processes in the health industry. We are currently maintaining the system which will be phased out over-time to implement new and up to date technologies using Node.js, React.js, and MongoDB from PHP and relational databases (MySQL, MSSQL).

Software Engineer — Business Process Engineer   Feb - November 2019
Thought Express — Cape Town, South Africa
- Led data migration/conversion from client's Oracle DBMS to Thought Express's System.
- Lead the business requirements analysis, design, development and quality assurance of technical/business solutions.
- Reviewed and re-designed existing processes to provide faster and more effective solutions.

- Engaged with clients in understanding the particular business needs/problems they needed to solve in relation to their business processes.

- Combined analytical thinking with process understanding to meet and solve problems.

- Collaborated internally with the project team to design and build the proposed business process solution.

Web Developer (Contract)   October 2018 - January 2019
SQLI — Cape Town, Western Cape

- Developed extensions and applications in PHP for Magento E-Commerce apps built for clients.

- Performed code reviews and design reviews from team members.

- Performed troubleshooting and fixed tickets issued in Jira.

- Wrote and reviewed team mates' PHP unit tests.

- Worked with customer service to correct issues identified by users.

Junior Software Developer   June 2015 - March 2017
Open Software — Gaborone, Botswana

- Designed and developed a Field Technician's Service Management Software using Laravel, MySQL, VueJs, Bootstrap, and Gitlab for Gaborone Electronics.
- Maintained an Insurance Management System Developed using Symphony, JavaScript, and Bootstrap for a FSG Botswana.