

MPETHA S. MOTAUNG

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EXPERIENCE

Grind Reel Remote
Software Engineer 2023 – Present

- Design, develop, and maintain scalable software solutions using PostgreSQL for database management and AWS for cloud infrastructure
- Employ Python and Django for backend development while working on frontend development to create responsive and dynamic user interfaces
- Ensure seamless integration between components, collaborating with cross-functional teams to optimize system performance and enhance the overall user experience

Huawei Technologies South Africa Johannesburg, Gauteng
Assistant Network Engineer 2021 – 2023

- Advanced through various engineering roles, contributing to significant projects in networking, fintech, digital support, and software testing
- Supported network setup, maintenance, and configurations as a Network Engineer, improving service reliability
- Developed secure fintech solutions with a focus on payment gateway integration as a Fintech Software Engineer, while optimizing digital services and user interfaces as a Digital Support Engineer to enhance customer satisfaction
- Contributed to cloud platform deployments and upgrades as a Technical Engineer, and conducted software testing for subscriber usage as a Software Testing Engineer

Zen 2 Chill Bloemfontein, Free State
Software Engineer 2020 – 2021

- Enhanced online transaction efficiency and security by working on payment gateways
- Developed a web application for inventory and employee profile management tailored for a retail business
- Designed and implemented a restaurant management system featuring order tracking and user profile management

EDUCATION

Wuhan University

Bachelor of Computer Science in Software Engineering

Wuhan, Hubei

2016 – 2020

- Applied programming and software development skills, including OOP (Java), Data Structures & Algorithms, and Software Testing
- Worked with systems and networks, encompassing Computer Systems, Operating Systems, and Linux & Applications
- Utilized expertise in AI and cloud technologies, covering Artificial Intelligence, Big Data and Analysis, and Cloud Computing

Brebner High School

National Senior Certificate

Bloemfontein, Free State

2008 - 2012

- Studied Mathematics & Science to build analytical and problem-solving skills
- Explored Consumer Studies & Languages to understand practical applications and communication
- Engaged in Life Orientation to develop personal and interpersonal skills

CERTIFICATES

- **Responsive Web Design Certification (in progress)** | Free Code Camp HTML & CSS | https://github.com/mpethamotaung/Responsive_Web_Design
- **100 Days of Code: The Complete Python Pro Bootcamp (in progress)** | Udemy
Python, Flask, Selenium, Pandas, APIs, NumPy, Scikit Learn, Matplotlib | https://github.com/mpethamotaung/Mastering_Python
- **Certificate in Chinese Language Proficiency (HSK4)** | Wuyi University, China, 2014 –2016

PROJECTS

- **YouCipe** | This project is a recipe sharing website | <https://youcipe.com/>
- **Pixels** | Image Pixel Extractor. | <https://github.com/mpethamotaung/Image-Processing>
- **Bright Institution Online Tutoring Platform** | Online tutoring | <https://bmsi.co.za/>
- **Personal Portfolio** | projects and expertise | <https://mpethamotaung.github.io/>
- **Web Application** | Financial statistics | <https://github.com/mpethamotaung/DataSciences>
- **Banking System** | <https://github.com/mpethamotaung/WallBank-BankingSystem>
- **Yeats** | Food Service Website | <https://github.com/mpethamotaung/yeats>
- **PROP-Revs**, Blockchain-based property database and fraud prevention application
Python, Blockchain (Link unavailable: Property of Wuhan University)
- **Machine Learning Sentiment Analysis** | User behavior analysis and sentiment prediction tool
Streamlit, Python | (Link unavailable: Property of Wuhan University)

REFERENCES

- **Zhang Xiang (Zack)** – Manager | Software Business Director | Zhangxiang144@huawei.com
- **Ge Yu Lei (Alick)** – Manager | Delivery Project Management Director | geyulei@huawei.com