MPETHA S. MOTAUNG

South Africa +27 67 975 4882 mpethamotaung@gmail.com linkedin.com/in/mpetha-motaung
mpethamotaung.github.io

SUMMARY

Innovative and results-driven Software Engineer with extensive experience in full-stack development, digital services, and software testing. Proficient in a range of programming languages and frameworks, including C#, Python, JavaScript, and cloud computing platforms. Proven ability to work in cross-functional teams, enhance software quality, and deliver high-performance solutions. Passionate about leveraging my skills to build scalable applications and contribute to the success of a forward-thinking tech organization.

SKILLS

Programming Languages: C#, Python, Java, JavaScript, C++ | **Web Development & Frameworks:** HTML, CSS, Django, REST API | **Databases:** MySQL, PostgreSQL, NoSQL, SQLite3 **| Version Control & Tools:** Git & Git Version Control, SoapUI, VS Code, Postman
Experience in: Full-stack Development, Cloud Computing, Software Testing, UX/UI Design, Digital Services

EXPERIENCE

- **Software Engineer, Grind Reel, 2023 – Present**
  Design, develop, and maintain scalable software solutions. I use PostgreSQL for database management, AWS for cloud infrastructure, and Java, Python, and Django for backend development. On the frontend, I work with React to create responsive and dynamic user interfaces, ensuring seamless integration between the client-side and server-side components. Additionally, I collaborate with cross-functional teams to optimize system performance and enhance the overall user experience.

- **Assistant Network Engineer, Huawei, 2021 – 2023**
  Progressed through multiple engineering roles, contributing to key projects across networking, fintech, digital support, and software testing.
  Assistant Network Engineer: Supported network setup and maintenance. | Network Engineer: Oversaw network configurations, enhancing service reliability. | Fintech Software Engineer: Developed secure fintech solutions, focusing on payment gateway integration. | Digital Support Engineer: Optimized digital services and user interfaces, improving customer satisfaction. | Technical Engineer: Contributed to cloud platform deployments and upgrades. | Software Testing Engineer: Conducted software testing for subscriber usage.

- **Software Engineer, Zen 2 Chill, 2020 – 2021**
  Worked on payment gateways, enhancing the efficiency and security of online transactions; built a web application for inventory and employee profile management for a retail business; and designed and implemented a restaurant management system with order tracking and user profile features.

EDUCATION

- **Bachelor of Computer Science, Wuhan University, China, 2016 – 2020**
  Programming & Software Development: OOP (Java), Data Structures & Algorithms, Software Testing | Systems & Networks: Computer Systems, Operating Systems, Linux & Applications|AI & Cloud: Artificial Intelligence, Big Data and Analysis, Cloud Computing
- **National Senior Certificate, Brebner High School, SA, 2012**
  Mathematics & Science, Consumer Studies & Languages, Life Orientation

---

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

- **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)
- **Personal Portfolio** |A personal portfolio showcasing projects and expertise
  HTML, CSS, JavaScript | https://mpethamotaung.github.io/
- **Yeats Food Service Website**, Food service website showcasing various items with user-friendly UI
  HTML, CSS | https://github.com/mpethamotaung/yeats
- **WallBank Banking System,** Simulated banking system with account management and transaction features
  Java | https://github.com/mpethamotaung/WallBank-BankingSystem
- **Financial Statistics Web Application** | Financial statistics tool using user input and Excel files for data analysis
  Python, HTML | https://github.com/mpethamotaung/DataSciences
- **Bright Institution Online Tutoring Platform** (in progress) | Platform to facilitate online tutoring sessions
  Python, Django, Bootstrap | https://github.com/mpethamotaung/Bright_inst

REFERENCES