J. Merwe
Senior IoT Consultant

SUMMARY

- 7+ years of experience in IT - Upper-Intermediate English - Available ASAP

TECHNICAL SKILLS

Main Technical Skills	IOT
Programming Languages	C#, Java, PHP, Python, Swift
Mobile Frameworks and Libraries	Flutter
Databases & Management Systems / ORM	Firebase, MySQL
Cloud Platforms, Services & Computing	AWS, Azure, Firebase, GCP
Amazon Web Services	AWS SAM
Deployment, CI/CD & Administration	CI/CD
Version Control	GitLab
Platforms	IOT
Methodologies, Paradigms and Patterns	microservices architecture
SDK / API and Integrations	RESTful API
QA, Test Automation, Security	Testlab
Other Technical Skills	GitLab Pipeline, LaTeX

EXPERIENCE

Flutter, AWS & IoT Contractor, JB&Kamp Technologies

May 2021 to present
Responsibilities:

- Flutter development
- Python development

- AWS, microservices architecting
- IoT implementation & electronic design
- Leading and management of development teams
- Product ownership & project management

Chief Technology Officer, App Developer Studio

Apr 2020 to Apr 2021
Responsibilities:

- Management of in-house as well as off-shore teams
- Management of project costs and identifying inefficiencies
- Implementation of QA and data protection processes
- Technical documentation i.e. architectural and client proposals
- Align technical strategy with business goals
- Supervise system infrastructure and create standardised, modular code
- Evaluating and implementing new systems and infrastructure, including a profitable hosting division
- Monitor KPI's and IT budgets to assess technological performance
- Communicate technology strategy to partners and stakeholders
- Upskilling team to grow companies' AWS Partner tier
- AWS, GCP, Azure, GitLab, GitLab Pipelines, Firebase (Analytics, Testlab), Microservice Architecture, Serverless, Flutter, Swift, Java, Transactional

Product Manager, FSK Electronics

Dec 2018 to Apr 2020
Responsibilities:

- Product owner of new mobile application
- Management of product lifecycle, interdepartmental cooperation, business development and external suppliers
- Develop iOS & Android applications (Flutter), DevOps Lifecycle (Azure), CI/CD Pipeline (Azure), Testing Strategy, Support Pipelines

Head of Development, ThinkBig Solutions

Mar 2016 to Feb 2019
Responsibilities:

- Innovation of our products and services
- Software development and architecting
- Developed a CAA approved application which is used for weight and balancing of aircrafts
- Setting up project plans and budgets
- Swift, Java, Python, Flutter, MySQL, AWS, REST, Microservices

Software Engineer, HVAC International

Jan 2015 to Mar 2016
Responsibilities:

- Developed a software system that monitor and diagnose servers deployed on multiple locations around South Africa
- C#, PHP, LaTeX

Co-Founder, Skygrid Solutions

Jan 2015 to Dec 2016
Responsibilities:

- SkyGrid focused on developing innovative smart grid solutions serving the domestic market
- With over 1,500 competing teams, our product and business model took us all the way to Denmark as one of the 50 finalists
- Arduino, Adafruit Fona, 2G/3G, Python, circuit design
- Assisting part-time to design a physical gyrocopter simulator
- Circuit design and implementation of microcontrollers and sensor inputs

EDUCATION

North-West University, B.Eng (Honours) in Computer Electronic Engineering

ACHIEVEMENTS

Google Student Ambassador

Finalists in University Startup World Cup

Finalists in Airbus BizLab

AEROmobility Competition

3rd place in Accenture's Hackathon