Andrew Napier
Senior Software Engineer

I enjoy writing software, playing football, dappled sunlight and walking my dogs.

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📍 Cape Town, South Africa

SKILLS

Distributed Systems

Event Driven Architecture

Vim · AWS · o11y

MySQL · Postgres

Mongo · Docker

Full Stack · REST

gRPC · MIcroservices

Bash · Git

Networking

Security · Terraform

LANGUAGES

English
Native or Bilingual Proficiency

Golang (3 Years)
Full Professional Proficiency

Javascript (5 Years)
Full Professional Proficiency

Python (1 year)
Full Professional Proficiency

PHP (1 Year)
Full Professional Proficiency

WORK EXPERIENCE

Lead cloud engineer
IQVIA

07/2023 - Present
Achievements/Tasks
- Auth SaaS - Golang, Azure, Terraform

Head of Engineering
Merge

01/2022 - 03/2023
Banking and payments for web3
Achievements/Tasks
- System architect, Engineering manager
- Fault tolerant, performant accounting system
- Authentication and authorization, Security (OWASP)
- Observability, CI/CD, IaC terraform
- Integration with banking providers

Senior Backend Engineer
Paystack

02/2021 - 01/2022
Payments processor
Achievements/Tasks
- Microservice for migrations
- Categorised customers on Zendesk
- Separated public and private files in S3
- Integrated with a card processor and bank

Software Engineer - Tech Lead
Luno

10/2017 - 02/2021   *Cape Town South Africa*
Cryptocurrency Exchange
Accomplishments
- Full Stack and DevOps specialist
- Technical design and backend for repeat buy system
- Purchase Bitcoin directly with bank card feature
- Referral and marketing promotions system
- Updates to deposit, withdraw, buy, send features

Software Developer
Jembi Health Systems

12/2015 - 10/2017   *Cape Town South Africa*
Open source software for nation health systems
Accomplishments
- Mom connect, ANSA, Hearth, OpenHIM

EDUCATION

BEng (Electrical and Electronic) - Robotics
University of Stellenbosch

2010 - 1014   *Stellenbosch South Africa*