LUKE BELL

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Backend Engineer with over 7 years of applied experience developing APIs, data pipelines and web apps used daily by millions.

EXPERIENCE

Senior Backend Engineer, Plentific.com — London   Jul 2021 – Present
- Led the planning and development of a calendar management and optimization product
- Designed and implemented a subscription service with multiple tiers to allow for increased customer monetization
- Empowered junior devs through leadership by mentoring, goal-setting and cross-team collaboration innitiatives

Backend Engineer, SPANDIGITAL.com — Cape Town   Apr 2020 – Jun 2021
- Developed backend services for authentication and scientific data processing, contributing to numerous client projects and internal products
- Authored comprehensive technical documentation used by millions of engineers, improving developer experience

Data Engineer, Revolut.com — London   Sep 2019 – Mar 2020
- Built out compliance data pipeline service that automated the screening of users and transactions, processing tens of thousands of cases daily, enhancing security and efficiency
- Ensured reliability and performance of backend services in a high-stakes financial environment

Fullstack Engineer, NumberBoost.com — Cape Town   Jan 2018 – May 2019
- Built bespoke machine learning web applications and proofs of concept for existing and potential clients, focussing on optical character recognition and object detection
- Pitched ideas and demos to clients for form processing, on-site security, and public transportation monitoring, leading to the closing of first customers

Fullstack Engineer, Flickswitch.co.za — Cape Town   Jan 2017 – Jan 2018
- Assisted in the development of a new platform for managing cellular data plans at scale, improving user experience and operational efficiency
- Built and maintained several external API integrations for cellular networks
- Developed a custom rule engine for automated recharges and top-ups, automating the management of large scale customer sim card fleets

SKILLS

Programming Languages	Python, Javascript, Go, Java, C++, SQL
Frameworks & Tools	Django, Flask, Docker, Kubernetes, Jenkins, AWS
Databases	PostgreSQL, MySQL, MongoDB
System Design	Microservices, RESTful APIs, EDA
Development Practices	Agile, CI/CD, TDD, Pair Programming
Security:	Secure coding practices, resiliency, data protection
Cloud Platforms	AWS, GCP

EDUCATION

BSc Computer Science & Math, University of Cape Town   Jan 2013 – Oct 2016