

# Sipho Dlamini

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## PROFESSIONAL SUMMARY

Full-stack software developer with 6 years' experience building scalable web applications and cloud-native solutions. Specialising in Python, JavaScript, and React with extensive AWS deployment experience. Currently contributing to a high-growth fintech startup processing over R500 million in monthly transactions. Seeking a senior developer or technical lead role where I can drive architecture decisions and mentor junior engineers.

## KEY SKILLS

- Python (Django, Flask, FastAPI)
- JavaScript / TypeScript
- React / Next.js
- AWS (EC2, Lambda, S3, RDS)
- PostgreSQL / MongoDB
- Docker & Kubernetes
- CI/CD (GitHub Actions, Jenkins)
- RESTful API Design
- Agile / Scrum
- Technical Leadership

## WORK EXPERIENCE

### Senior Software Developer

Jan 2023 – Present

*Stitch (Fintech), Cape Town*

- Architected and built the payment reconciliation microservice handling 2 million+ transactions monthly with 99.97% uptime
- Reduced API response times by 40% through database query optimisation and Redis caching implementation
- Led the migration of 3 legacy services from Django monolith to FastAPI microservices, cutting deployment times by 60%
- Mentored 4 junior developers through weekly code reviews and pair programming sessions
- Implemented automated testing pipeline that increased code coverage from 62% to 91%

### Mid-Level Software Developer

Mar 2021 – Dec 2022

*Entelect, Johannesburg (Remote from Cape Town)*

- Developed client-facing React dashboards for 3 enterprise clients in insurance and banking sectors
- Built RESTful APIs in Python/Django serving 50,000+ daily active users
- Designed and deployed AWS Lambda functions that reduced infrastructure costs by R180,000 annually
- Collaborated with cross-functional teams of 8 across design, QA, and DevOps in 2-week sprint cycles
- Delivered a real-time notification system using WebSockets, improving user engagement by 25%

## Junior Software Developer

Jan 2020 – Feb 2021

*DVT (now part of Accenture), Johannesburg*

- Contributed to the development of a logistics tracking platform using React and Node.js
- Wrote unit and integration tests achieving 85% code coverage on assigned modules
- Resolved 120+ bug tickets during first year, reducing the backlog by 35%
- Participated in daily stand-ups and sprint retrospectives within an Agile team of 6

## Software Development Intern

Jun 2019 – Dec 2019

*OfferZen, Cape Town*

- Built internal tooling in Python to automate candidate matching, saving recruiters 10 hours per week
- Developed frontend components in React for the developer marketplace platform
- Presented a proof-of-concept chatbot to the product team that was later integrated into the main platform

## EDUCATION

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### BSc Computer Science (Honours)

2019

University of Cape Town

### National Senior Certificate

2014

Maritzburg College, Pietermaritzburg

## CERTIFICATIONS & TRAINING

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- AWS Certified Solutions Architect – Associate, 2023
- Certified Kubernetes Administrator (CKA), 2022
- HashiCorp Terraform Associate, 2022
- Scrum Alliance Certified ScrumMaster (CSM), 2021

## LANGUAGES

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English (Fluent)    isiZulu (Fluent)    Afrikaans (Conversational)

## REFERENCES

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### Kialan Pillay

Engineering Lead, Stitch  
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### Nthabiseng Molefe

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