

JOSHUA DANIELS

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I am a driven, creative, and analytically minded software developer with a strong desire to contribute meaningfully to projects that enhance people's lives. I'm naturally curious with a commitment to continuous learning. I always strive to see the world objectively, which helps me be reasonable and effective in my work.

EXPERIENCE

Full Stack Developer

Allan Gray | Jan 2022 - Present

- Develop APIs using Scala and Golang, and frontend features using the Appian BPM platform.
- Contribute to the development of capturing functionality for Voluntary and Compulsory New Retirement Annuity Investments as well as Additional Contributions to Retirement Annuities.
- Migrate Scala APIs to Golang, ensuring seamless integration and improved performance.
- Write acceptance and verification tests for code/feature additions using the Jest JavaScript framework and Docker locally.
- Resolve production issues by collaborating with team members and users, utilizing Rancher, Kibana, Grafana, and RabbitMQ for backend issues, and Appian's process modelling for frontend issues.
- Regularly work with Docker and Kubernetes within a microservices architecture.

EDUCATION

Bachelor of Science in Computer Science and Mathematics

University of Cape Town | Graduated December 2021

Relevant coursework:

- Data Structures and Algorithms
- Object-Oriented Programming
- Programming Practices

Final year project: Developed a topographical visualisation tool to display biodiversity using colours and shapes to indicate proportions of different species based on data from North America.

SKILLS

Programming Languages: Scala, Golang, Bash, Java (University), Python (University)

Technologies/Frameworks: Appian, RabbitMQ, SQL, Docker, Kubernetes, Jest (JavaScript Testing)

Tools: GitLab, Kibana, Grafana