

# Dean Nortje

BISHons Multimedia Student, BSc Information and Knowledge Systems Graduate



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Github

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Website

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## EDUCATION

**BIS Honours Multimedia,**  
University of Pretoria, South  
Africa, Completing in 2022

**BSc Information and Knowledge  
Systems,** University of Pretoria,  
South Africa, 2021

**Senior Certificate/Matric**  
Bachelor's Pass, Redhill High  
School, Johannesburg, South  
Africa, 2016

**AWS Training and Certification**  
AWS Certified Cloud Practitioner,  
2022

## AWARDS

Achieved 2<sup>nd</sup> place for Cos301  
Software engineering project  
awarded by the EBIT Faculty  
(2021)

Achieved scrolls at Redhill High  
School for Science Expo

Achieved scrolls at Redhill High  
School for Swimming

Played 1<sup>st</sup> Team Rugby Gr 11-12

Competed in the Inter-High u18  
Swimming Gr 12

## INDUSTRY

### EXPERIENCE

Information Technology (DRS)

## PERSONAL PROFILE



BSc Information and Knowledge Systems and BIS Multimedia Honours graduate from the University of Pretoria, with a passion for software development, eagerness to learn and develop skills.

Experience in multiple programming languages, listed under technical skills.

During studies, completed a software engineering project for Retro Rabbit, a software development company. Formed part of a five-person team that designed an application that offers a digital work environment with a collection of tools that made communications between colleagues as seamless as possible, aiming to replicate an in-person interaction.

Link to project: <https://github.com/COS301-SE-2021/Rabbitania>

One honours project focused on utilising AWS tools and services. This group project was completed over a period of 3 months for a software development company called Gendac. An application was created to upload, analyse, categorise, store and search for CV documents.

Link to project: <https://github.com/Deannortje/imy-772-gendac-project>

The above-mentioned projects were completed using an agile environment, Github, databases, APIs, Amazon Webservices and multiple programming languages.

All projects involving application design or user interaction required the use of UI/UX design using adobe XD and Figma.

## EXPERIENCE



### Construction Jnr Foreman (Student employment opportunity)

Advanced Interiors and Construction, Johannesburg, South Africa, Dec 2020 – Jan 2021

Role: Management of construction tasks and supervision of staff

- Managed an array of construction tasks
- Organised and delegated tasks
- Ensured use of personal protection equipment standards

### DevSecOps Intern (Student employment opportunity)

DRS, Johannesburg, South Africa, Jan 2021 – Mar 2021

Role: Intern

- Researched and learnt about development pipelines in a security context
- Implemented a mock pipeline in a Linux shell to test various security products and the various pipeline systems
- Reported progress to the CTO

## SOFT SKILLS & ATTRIBUTES

Leadership: strong people management skills and staff motivation/guidance.

Strong analytical, design and solution enthused problem-solving skills.

Deadline orientated, self-motivated and energetic with a keen sense of urgency on set deliverables.

## LANGUAGES

English (Home language)

## HOBBIES

Airsoft, Motocross, Drumming and Video Games

## Junior Software Engineer

Kindle Insurance Technologies, Johannesburg, South Africa, Jan 2023 – Current

Role: Software Engineer

- Developed solutions on the KIT system for clients which included working with multiple technologies. These tasks ranged from creating alterable and modifiable PDF/Excel documents creating new pages and functionalities.
- Acquired and used insurance concepts and terminology to communicate to clients and utilise with development tasks.
- Integrated new technologies into existing code.
- Performed testing on worked generated by the team and myself, to ensure there were no errors.
- Ensuring efficiency, adherence to best practices, and continuous improvement.
- Implement development methodologies, tools, and standards for the teams.
- Resolved coding errors.
- Developed, maintained, and implemented software within time constraints set by clients or goals.
- Partook in meetings that focus on delegation and distribution of work as well as brain storming problems and issues related to the company's software.
- Online support for clients
- Researching and implementing new technologies such as implementing new software for creating documents.
- Leasing with clients over requested tasks in an efficient and timely manner.
- Participated in training sessions subjected around insurance and the understanding of Kindle's software.
- Worked collaboratively in a team and contributed to the project success, focus being on multiple clients and their various requests.
- Stay up to date with the latest technologies, trends, and industry best practices.

## TECHNICAL SKILLS



Technology	Years Used
Adobe XD	2
Agile Environment	2
AngularJS	4
ASP .NET	4
AWS Development	1
Azura DevOps	1
C#	4
C++	2
CSS	5
Figma	1
Flutter	1
GitHub	3
HTML	5
Java	2
JavaScript	4
JSON	3
LINQ	1
MongoDB	2
MySQL	3
Nodejs	3
Object Orientated Programming	6
PHP	2

Postgre-SQL	3
Python	2
ReactJS	3
REST API	3
TypeScript	4
Unity	1
XML Schema	2