

# ETHAN JANSEN

Software Engineer

## CAREER SUMMARY

Software engineer working on data-driven systems, currently focused on RAG applications for news and research. I enjoy working on problems where the data is messy and the solution needs to be reliable. I tend to pick things up quickly and am drawn to systems involving data, performance, and automation. Especially when they need to work properly in the real world.

## CONTACT

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- Cape Town, South Africa

## EDUCATION

Bachelor of Science, Applied Math & Statistics

University of South Africa (UNISA)  
2026 - Present

Higher Certificate,  
Math & Statistics

University of South Africa (UNISA)  
2024

Higher Certificate,  
Systems Development  
College of Cape Town  
2019

## SKILLS

### Languages

Python · C# · JavaScript · Java

### Frontend

React · Angular

### Backend & Systems

.NET Framework

### Cloud & Tools

AWS · Firebase · Git

## WORK EXPERIENCE

### Senior Software Engineer

LexisNexis  
Feb 2024 - Present

- Leading development of a RAG-based application for news data and research
- Designing and implementing backend services in C# (.NET) and frontend components in Angular
- Mentoring engineers and contributing to system design and architectural decisions

### Software Engineer III

LexisNexis  
Feb 2023 - Feb 2024

- Developed full-stack applications using React and Java
- Contributed to microservices-based architectures and backend services
- Built and improved frontend interfaces for data-heavy applications
- Supported systems handling large-scale data processing and retrieval

### Software Developer

Liquid Thought  
July 2020 - Jan 2023

- Developed web and mobile applications across React, Angular, Vue, and Flutter
- Delivered client solutions end-to-end, from development through deployment
- Worked with AWS and Firebase
- Mentored junior developers and interns