0760926242 anilihst@gmail.com https://tryfinally.co.za

CapeTown, Western Cape, ZA Afrikaans, English

BACKGROUND

ABOUT

Ivan du Toit is an eager learner willing to do any task that delivers the most value to the business, large or small. He has a record of keeping track of complex domains while leading high performance teams at companies like Amazon Web Services

WORK EXPERIENCE

Amazon Web Services (Software Development Engineer II), Amazon

Sep, 2016 - Present

I am the team lead for the team that builds the EC2 (https://console.aws.amazon.com/ec2/home) management console. My focus is on increasing operational excellence and increasing our delivery velocity. This includes training new team members and driving the development of a DSL and framework to allow us to delivery more value to out customers, faster.

- Driving and getting projects delivered across teams
- Steering and delivering a platform for increase delivery in multiple team

- Increased normalized project delivery by 50% YoY for 2 years while the team only grew 10%

Amazon (Software Development Engineer), Amazon

Apr, 2014 - Aug, 2016   2 years 4 months

I worked in the User Experience team to build the EC2 (https://console.aws.amazon.com/ec2/home) and VPC (console.aws.amazon.com/vpc/home) management consoles. To increase my exposure I am also involved in EC2 API design. Giving back is also important to me by helping newbies in operational excellence 101 training along with mentoring and helping interns

- Reducing my teams operation incidents and load by 20% by driving good operational practice
- Training all new on-calls to prepare for their first rotation
- Initiating and delivering two big customer asks without impacting the teams roadmap

(Software Development Engineer - Intern, Amazon

Dec, 2013 - Mar, 2014   3 months

I worked in the User Experience team to build a UI testing framework based on CasperJS and PhantomJS.

- Learned a lot about testing and the impact of good testing on velocity
- The framework and design is the bases of the testing used 3 years later

Teaching Assistant, University of Pretoria (Teaching Assistant)

Feb, 2012 - Dec, 2012   10 months

I helped students in the COS 151 and COS 110 modules to understand programming practice and complete the course work successfully.

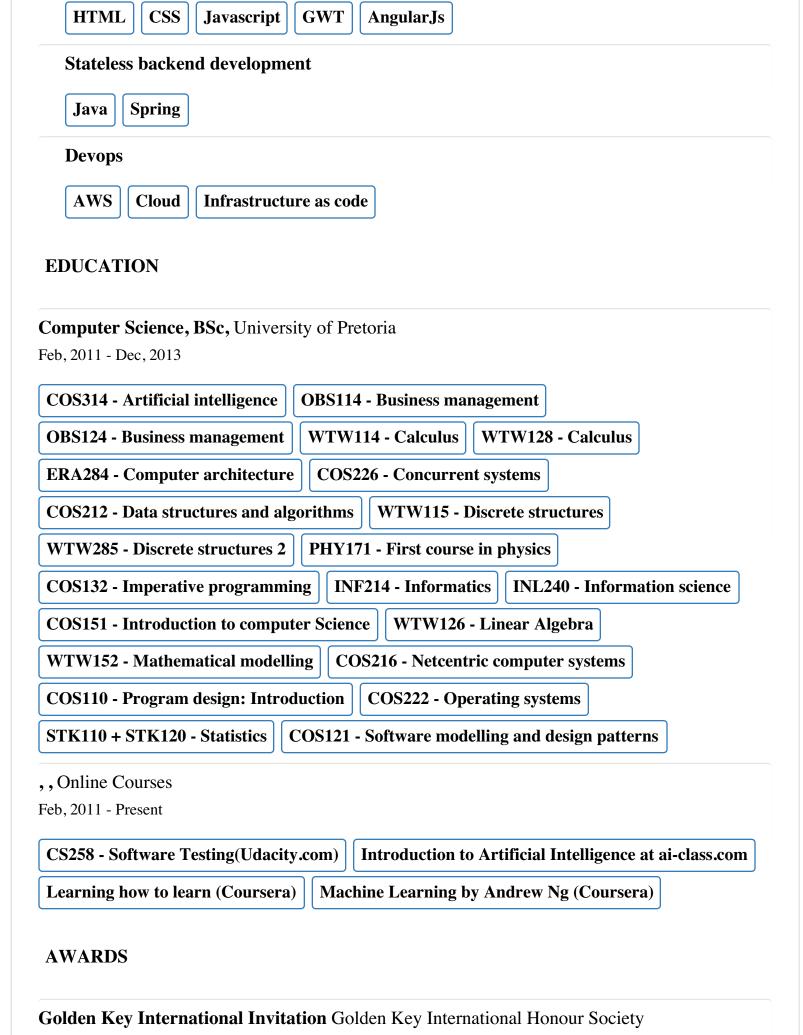## Programmer, Alfega Technologies

Jun, 2008 - Jan, 2011   2 years 7 months

Web applications development and testing including creating a custom content management system. Lead development on the CMS during the last year.

- Built custom CMS solution

SKILLS

Web Development

HTML CSS Javascript GWT AngularJs

Stateless backend development

Java Spring

Devops

AWS Cloud Infrastructure as code

EDUCATION

Computer Science, BSc, University of Pretoria

Feb, 2011 - Dec, 2013

COS314 - Artificial intelligence OBS114 - Business management

OBS124 - Business management WTW114 - Calculus WTW128 - Calculus

ERA284 - Computer architecture COS226 - Concurrent systems

COS212 - Data structures and algorithms WTW115 - Discrete structures

WTW285 - Discrete structures 2 PHY171 - First course in physics

COS132 - Imperative programming INF214 - Informatics INL240 - Information science

COS151 - Introduction to computer Science WTW126 - Linear Algebra

WTW152 - Mathematical modelling COS216 - Netcentric computer systems

COS110 - Program design: Introduction COS222 - Operating systems

STK110 + STK120 - Statistics COS121 - Software modelling and design patterns

, , Online Courses

Feb, 2011 - Present

CS258 - Software Testing(Udacity.com) Introduction to Artificial Intelligence at ai-class.com

Learning how to learn (Coursera) Machine Learning by Andrew Ng (Coursera)

AWARDS

Golden Key International Invitation Golden Key International Honour Society

Awarded on: Jan 01, 2012

Recieved an invitation to join the socieity due to academic performance during the course of my studies.

U/20 SA Fencing colours

Awarded on: Jan 01, 2009

Recieved South African colours for U/20 Fencing

U/20 National Fencing Champion

Awarded on: Jan 01, 2009

Won the South African U/20 nationals

FIRST Robitics League Best Programmer FIRST Robitics League South Africa

Awarded on: Jan 01, 2006

Lead a team to participate in the FIRST Robotics League as part of a community outreach and enrichment program. Won the "Best Programmer" award at the FIRST Robitics League national finals in 2006.

INTERESTS

Fencing