Elsabé Ros | Curriculum Vitae

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Experience

Discovery Holdings

Senior Developer   *2018–Current*

I am a member of the core team that is responsible for the architecture of the Discovery Holdings member application. In this team I worked on dividing the monolithic application into modules, as well working on initiatives impacting the application framework. In addition to my development responsibilities, I also work on streamlining the development process and evaluating potential new tools. *Android, Bamboo, Bitbucket, Git, Gradle, Spring, Spring Boot, PlantUML, GitHub, Bitrise, iOS*

Dariel

Senior Software Developer   *2017–2018*

Projects at Dariel

ABSA - IRIS

Jun 2018
B2B (Spring)
A project to facilitate communication with bank customers.
Spring, Java, Maven, Git, Jasper template engine

ABSA - PDLC

Oct 2017-May 2018
Web development (Spring)
A project to streamline the creation of new projects. This tool integrates with the Atlassian stack and various other tools to enable project managers to create project spaces and quickly add and remove team members from their projects. The tools also allow developers to set up source code management and CI pipelines using templates.
HTML, CSS, Spring, Java, Maven, Git, Angular, Bamboo, Bitbucket, Confluence, JIRA, TFS, Sonarqube, Nexus

Graduate application

Apr 2018-Jun 2018
Progressive Web app (Polymer)
A progressive web application to allow my employer to interact with prospective graduate employees. This tool allows graduates to sign up for competitions, chat with the HR team and view a gallery of images. I also built the corresponding admin application.
Firebase, Javascript, Polymer 2.0, HTML, CSS, Javascript, Git, Google Cloud Functions

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Entelect

Senior Software Engineer   *2015–2017*

Entelect
Software Engineer   *2013–2015*

Projects at Entelect..

Discovery Mobile application
2015-2017
Android development, Backend development (Spring)

DPM Mobile application
2013-2015
Android development

Vitality Service Portal
2013
Web development (Spring)

University of Pretoria
Tutor   *2012*

University of Pretoria
Teaching Assisstant   *2011*

Certifications

Pivotal
Certified Spring Professional,   *November 2016*

Courses

Coursera
Hardware Security,   *May 2015*
Verified Certificate

Coursera
Cryptography,   *April 2015*
Verified Certificate

Coursera
Software Security,   *April 2015*
Verified Certificate

Coursera
Usable Security,   *March 2015*
Verified Certificate

Udacity
Applied Cryptography,   *June 2012*

Udacity
Introduction to Artificial Intelligence,   *December 2011*

Formal Education

University of Pretoria
MSc Computer Science,   *2016–2018*

Research: Digital Forensic Readiness in Mobile Device Management Systems

University of Pretoria

BSc (Hons) Computer Science, *2013–2014*

Research: An information-gathering botnet for private cloud environments

University of Pretoria

BIS: Multimedia, Cum Laude *2010–2012*

Languages

English: Professional

Afrikaans: Home language

Dutch: Elementary

Publications

Elsabe Ros. Digital forensic readiness in mobile device management systems. Master's thesis, University of Pretoria, South Africa, 2019.