

SOFTWARE ENGINEER

Tyron Anderson, *B.Sc., Computing*

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ID Number: 840904 5018 087
Languages: English(Fluent) & Afrikaans (fluent)
Marital Status: Married (2 dependants)
Portfolio: www.tyronanderson.com
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Software Engineer with 3+ years of experience facilitating cutting-edge engineering solutions with a wide range of Application and technology skills. Proven ability to leverage full-stack knowledge and experience to build interactive and user-centred website designs to scale. Expertise in system architecture development and administration, as well as server-side and network design and configuration.

RELEVANT SKILLS

Django Rest Framework

Django

ReactJS

Git

C++

Javascript

Python

MySQL

ThreeJS

React-Material-UI

EDUCATION

University of South Africa / South Africa, Gauteng

B.Sc. Computing (Cum Laude)

December 2021

Milestone Certified Integration Technician / East London, South Africa

December 2021

Port Rex Technical High School / East London, South Africa

Senior Certificate – Grade 12 (Passed with distinction)

November 2002

PROFESSIONAL EXPERIENCE

Freelance Consultant – Sugarwave web applications / East London, SA

SENIOR WEB DEVELOPER / SYSTEMS ARCHITECT

September 2019–Present

- Design, build and deploy a full stack web application from conception to current live production state.
- This application serves certain authorized members of the Ophthalmological Society of South Africa to screen patients for underlying illnesses by interfacing with an offshore Artificial Intelligence server – delivering, processing and returning screened results to end user.
- Major stakeholders of this include: Discovery Health, East London Eye Centre and OSSA (the ophthalmological Society of South Africa)
- Tech stack:
 - Backend API: Python's Django and Django Rest Framework – currently running live on IIS server
 - Frontend: ReactJs and React Material-ui – currently running live on Heroku server.

Bona Electronics Solutions / East London, SA

SENIOR TECHNICIAN

October 2016–Present

- Senior Electronics technician specializing in installation, maintenance and design of medium to large scale enterprise-level security equipment (CCTV, Access Control, Alarms, Wireless Technologies)
- Notable clients: ABSA Bank, Standard Bank, FNB Bank, ZF Lemforder, Buffalo City Metro Municipality

- Electronics technician specialising in installation and maintenance of CCTV equipment
- Team Leader
- Basic Networking
- Site inspections and quote advice

Reason for leaving: head-hunted by current employer

Rocket Audio Visual / Johannesburg, SA
OPERATIONS MANAGER / AV TECH

August 2008–May 2011

- Operations management for audio visual events
- Duties included: staging, sound, lighting, multimedia and management

Reason for leaving: relocated to East London

Accsys (Pty) Ltd / Johannesburg, SA
ELECTRONICS TECHNICIAN

August 2004–July 2008

- Electronics Technician specializing in installation and maintenance of biometric access control and Time and Attendance equipment.

Reason for leaving: offered managerial position elsewhere

African American Tobacco / East London, SA
ENGINEERING STORES CONTROLLER

January 2004–July 2004

- In charge of engineering stores
- 2IC to plant engineer.

Reason for leaving: company liquidated

REFERENCES

- Steven Vlotman (Director at Sugarwave) – 083 271 5819
 - Mervyn Erasmus (IT Manager at ZF Lemforder) – 072 846 5391
 - Charles Brits (Risk Security Manager at ABSA Bank) – 082 462 0036
 - Brett Gierke (Owner at Digisurv) – 083 777 2808
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