



William Smith

Software Engineer

KEY SKILLS

Front End

HTML5	SASS
CSS3	Material UI
JavaScript	Bootstrap
ReactJS	Adobe XD

Back End

NodeJS	MongoDB
ExpressJS	

EDUCATION

Full-Stack Web Development
HyperionDev
2020

Mechanical Engineering
Durban University of Technology
2014

CONTACT

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I'm a Software Engineer with a background in Control Systems Engineering who is passionate about creating user-friendly applications by writing efficient and maintainable code.

PROFESSIONAL EXPERIENCE

Freelance Web Developer

Self-Employed | Apr 2020 - Present

- Plan and improve website layouts, user interface and user experience.
- Create responsive websites using HTML, CSS & JavaScript.
- Deploy websites and manage hosting.

Senior Control Systems Engineer

Integ System Integrators - Cape Town, South Africa | Jul 2019 - Apr 2020

- Designed and implemented control system architectures to achieve maximum safety, efficiency and scalability.
- Programmed, tested and commissioned various PLC based control systems for optimal control and efficiency.
- Developed, tested and deployed Human-Machine-Interface (HMI) software and user-friendly graphics for various control systems.
- Created project plans and timelines and ensured 100% on time delivery of software and commissioning.

Automation Control Systems Engineer

Merck - Carlow, Ireland | Dec 2017 - Jul 2019

- Owned and administrated OEM control systems in a GMP regulated environment to ensure EMA and FDA compliance.
- Led system improvements, developed detailed specifications, engineering documents, and standard operating procedures.
- Led technical root cause analysis, incident investigations and troubleshooting issues related to electrical, instrumentation and control systems.

Automation Control Systems Engineer

Devcotech Engineering - Cape Town, South Africa | Oct 2016 - Dec 2017

- Programmed, tested and commissioned various PLC based control systems for optimal control and efficiency.
- Developed, tested and deployed Human-Machine-Interface (HMI) software and user-friendly graphics for various control systems.
- Led a team of 10 engineering technicians to ensure on time delivery and installation of control system equipment at client sites.

Control Systems Technician

Design Technologies - Durban, South Africa | Oct 2015 - Oct 2016

- Designed control system panel and wiring layouts.
- Installed control system equipment and instrumentation.
- Modified existing control system programs and user interface graphics.
- Performed factory acceptance tests (FAT) and site acceptance tests (SAT) on control systems and instrumentation.