



# 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 | May 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 | Aug 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*

- Ownership and administration of 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 | Nov 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.