

# DARNELL NOEL

Full Stack Web Developer | Mechanical Engineer  
| Lecturer | Software Developer

## PROFESSIONAL SUMMARY

Qualified Full Stack Web Developer specializing in critical problem solving with a strong work ethic and proven value system. Also has a strong background in Mechanical Engineering, and other technical and non-technical competencies. Skilled at bringing comprehensive solutions to the table with creativity and innovative ideas. Proficient in communicating with people from various backgrounds with varying needs and priorities. A truly skilled professional who uses depth of research and knowledge to get the job done. Having a proven reputation for producing world-class quality work has solidified international experience coupled with a sound education and ongoing professional development. Currently open to discussions on new and exciting opportunities where my expertise can add value to a high-performance team.

## AREAS OF KNOWLEDGE AND EXPERTISE

Mechanical Engineering  
Critical Problem Solving  
Project Management and Implementation  
Training and Development  
Policy Improvement and Implementation  
Team-building and Collaboration  
Quality Control and Assurance  
Failure Investigation  
Root Cause Failure Analysis  
Technical Support and Customer Service  
Non-Destructive Testing (NDT)  
Research

Programming  
Software / App Development  
Front-End and Back-End Web Development  
Database Design and Development  
Database Management and Querying  
Software UI/UX  
2D & 3D Modelling (Engineering)  
Work and Task Management  
Metallography and Metallographic Analysis  
Metallurgy and Metallurgical Analysis  
Destructive Testing  
Presenting and Public Speaking

## PROGRAMMING LANGUAGES / TECHNOLOGIES

HTML5  
JavaScript  
MySQL  
Firebase  
Express.js  
Netlify  
Responsive Web Design

CSS3  
React.js  
MongoDB  
Node.js  
Handlebars  
Heroku

## DEVELOPMENT PROJECTS

My GitHub:  
<https://github.com/DNoel26>

Please see the readme section in my GitHub repositories for links to projects deployed on Netlify or Heroku.



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## EDUCATION AND QUALIFICATIONS

Certificate – Full Stack Web Application  
Development  
*The Weekend Hack*  
2020

Bachelor of Science Degree in  
Mechanical Engineering  
*University of The West Indies*  
2013

## COMPUTER SKILLS

VS Studio Code  
MS Word  
MS Excel  
MS PowerPoint  
AutoCAD  
SolidWorks

## POWER SKILLS

Self-Motivated  
Solutions Driven  
Highly Analytical  
Honest and Ethical  
Creative and Innovate  
Effective Communicator  
Reliable and Dependable  
Technical High-Level Thinker  
Detail Oriented  
Problem Solver

## CERTIFICATIONS AND TRAINING

**Certificate – NS Distance Learning  
Programme**  
API Q1  
API Q2  
*Fearnley Procter Group*  
2019

**Certified – Coating Inspector Level I**  
*National Association of Corrosion  
Engineers (NACE)*  
2016

**Post Graduate Advanced Training in  
Manufacturing Engineering,  
CVQ Level 4**  
*MIC-IT*  
2016

**Certified – Quality Technician (CQT)**  
*American Society for Quality (ASQ)*  
2015

## REFERENCES

Kadeem Best  
**Full Stack Web Developer/Programming  
Lecturer – The Weekend Hack**  
Tel: (647) 573-5784  
Email: kadeem.best@theweekendhack.com

Gerald Watermeyer  
**Engineering Manager – Fearnley Procter  
UK**  
Tel: +44 7597 861968  
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Denis J. Cox  
**Senior Investment Analyst – Ministry of  
Finance and the Economy**  
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## WORK EXPERIENCE

### Technical Projects Engineer – Fearnley Procter International

*April 2018 to Present*

- **International Experience** - Liaises with and conducts engineering projects (designs, design reviews, failure investigations, technical support etc.) for clients globally (US, Europe, China, Malaysia, Middle East etc.). Approximately two (2) years working experience in Aberdeen, Scotland, UK. Work experience in Texas and Louisiana, USA.
- **Root Cause Failure Analysis (RCFA)** - Liaises with and conducts failure analyses and investigations of oil & gas equipment for clients globally.
- **QA/QC** - Inspection and QA/QC activities for release of drilling, completions, and production equipment offshore in Trinidad and UK.
- **Department Representation** - Member of the global Technical Support Group.
- **Technical Support** - Editor of and Tech Support for company developed global standards - NS-1™/NS-2™ Standards.
- **Training** - Develops and conducts internal training for technical staff in Trinidad.

### Inspection Engineer II – IN-CORR-TECH Limited

*September 2015 to March 2018*

#### Internship – IN-CORR-TECH Limited

*April to June 2015*

- **Engineering** - Multiple plant turnaround/shutdown experience.
- **Inspections** - Trinmar onshore/offshore inspection experience.
- **Technical Skills** - Experience in Non-Destructive Testing (NDT) such as VT, PT/FPT, MPI/FMPI, UT, LT, PMI, Pressure Testing and Load Testing for various equipment (Air receivers, Vacuum Tanks, Lifting & Rigging Equipment, Trucks, Piping, Vessels etc.).
- **Root Cause Failure Analysis (RCFA)** - Conducted failure investigations and analyses on a wide variety of equipment, which included liaising with clients, site visits, and several lab procedures and Destructive Testing such as sample preparation, micro-structural analyses, macro & micro-hardness testing, material verification techniques, scanning electron microscopy etc.
- Very experienced in the understanding, use and reference of various technical documents, standards & engineering drawings (including P&IDs, PFDs, piping isometric drawings etc.).
- **Engineering Software** - Experience in Engineering Design, 3-D modelling, virtual load testing and stress analyses of various skids, silos, tanks etc. using SolidWorks.

### Lecturer (Part Time) – Automation Technology College

*January 2015 to Present*

- Prepares and conducts all assigned classes and practical lab sessions in accordance with the syllabus provided by City & Guilds for Level 2 Diploma in Mechanical Engineering IVQ – Principles of Maintenance Technology and Maintenance of Mechanical Devices & Equipment.

### Post Graduate Mechanical Engineering Trainee – Metal Industries Company (MIC-IT)

*January 2014 to September 2015*

- Designed and virtually load tested a material lift for the plastics manufacturing department, using SolidWorks in accordance with ASME 17.1 – Safety Code for Elevators and Escalators.
- Conducted maintenance audits and completed maintenance improvement projects.
- Developed various hands-on and hands-off technical workshop skills for manufacturing engineering.