

Shane W. Pulak
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Education

Sir Sandford Fleming College
Lindsay, Ont.
1996-98

Natural Resources Engineering and Exploration
Obtained Degree- Drilling Technician

Eastdale Secondary School Graduate Received Diploma
Welland, Ont

Employment

Blackfeet Health Products
June 2013-Current

President Research & Development

- Formulation, Extraction, ultrasonification
- Cannabinoid research & Therapy Administration
- Product Development
- Addiction Education and Treatment

Weatherford Int.
Dec 2011-May 2013

Measurements While Drilling Technician (MWD)

- Using electronic equipment and instruments to measure various conditions & formations while drilling to reach selected targets
- Data Management, create & manage data bases
- Building & Testing Down Hole Tools

Ja-co Welding & Consulting
Nisku, Alberta
June 11 - December 11

All Position Welder

- Welding various components, structures & buildings
- Using over-head cranes
- coping beams
- fitting

Sil-Tri Biofuels Inc.
Stoney Creek, Ont.
March 05-May 10

Manager General Operations

- Producing and processing biofuel to ASTM Specs
- Supervising shift
- Maintaining and setting pumps, centrifuges and pressurized vessels
- Taking very accurate measurements and calculations of chemicals
- Computer data entry

Taiwanese Air force
Kaoshiung Taiwan
Dec 00-April 04

English Teacher/Instructor

- Head English Instructor for Taiwanese Air force
- Preparing English lessons
- Testing Students comprehension/ability

Projects & Field Experience

Under One Roof
Canada/Denmark
2012-Present

Co-Founder & Project Engineer

- Promoting Sustainable Low Cost Housing for First Nations
- Designing Off Grid/Grid-Tie Renewable Energy Systems
- Designing high yield Aquaponic food systems
- Disaster Relief Response
- Rain Water / Grey Water filtration systems

Hamilton L.F.S.N
Hamilton Ontario
2010-2011

Co-Founder of Local food Security Food Network

- Utilizing Aqua-ponics in a Green-house setting
- Designing system, choosing best heir-loom plants and fish species for maximum yields and optimization

NuEnergy Technologies
Senior Project Engineer
2009-2011

Senior Project Engineer for International Projects

- Assessment & feasibility studies of wind/solar hybrid off grid systems for The Greek Military using VAWT and Azimuth Rotary
- Design & spec out 165Kw off grid hybrid system
- Design 3-D graphic project site plan & schematics

NuEnergy Technologies
Continue

Developed Off-Grid Empowerment Center(s)

- Utilizing Cargo- Structure technology and sustainable architecture techniques for Haiti & Ecuador
- Off-Grid Wind/Solar hybrid systems
- Water harvesting & filtration
- Bio-Disc digesters for self-contained sewage system
- Design to clients specs using 3-D computer graphics

Sil-Tri Bio Fuels Inc.
Co-Founder/Manager
Hamilton, Ontario
2005-2009

Developed 19 million liter Biodiesel Refinery

- Design processing system waste to energy in a closed loop system
- Advanced esterification of vegetable oils/animal fats to meet highest yields & efficiencies possible
- Producing biodiesel to meet ASTM-D6759 specs
- Obtaining Federal and Provincial Government permits

Niagara Wind Power
Font hill Ontario
2005-2006

Renewable Energy Consultant & Sales Representative

- Assisting clients & customers with renewable energy packages for residential and commercial Application
- Provided Consultation for Renewable Energy Projects
- Assisting clients & customers with Energy Projects

Project R.A.F.T
Registered N.G.O
Ghana, Nigeria Africa
2005-2008

Co-founder & Senior Administrator

- Develop I.C.T's and Interactive Website for Youth to learn:
- Renewable Energy systems
- Water Harvesting & sewage treatment
- Growing Non-competitive energy crops
- Promoting Aqua-ponics and food harvesting techniques