

CURRICULAM VITAE

JONAS DANIEL CC

Project and Business Management- Renewables

Delhi, INDIA

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OBJECTIVE

“To work in a pragmatic way in an organization where I can implement my skills and technical expertise to the best in conjunction with company goals and objective with full integrity and zest”.

EDUCATIONAL QUALIFICATION

Postgraduate Qualification

- Degree
- Major
- Degree Class

UNIVERSITY OF LEEDS, UK

September 2014-September 2015

- ✓ **MSc(Engg)**
- ✓ **Electrical Engineering and Renewable energy systems**
- ✓ Passed with **DISTINCTION**

Undergraduate Qualification

- Degree
- Major
- Degree Class

Anna university, INDIA

August 2009-August 2013

- ✓ Bachelor in Engineering
- ✓ Electrical and Electronics Engineering
- ✓ Passed with **FIRST CLASS 81.2%**

CORE COMPETENCIES

- Project Management
 - ✓ Supervising personnel, preparing schedules, estimation of budgets and conducting design reviews.
 - ✓ Strong knowledge of all phases of project execution.
 - ✓ Managing the entire engineering team.
 - ✓ Energy storage design and RFQ's
- Business Development
 - ✓ Developing Business relationships through Networking.
 - ✓ Ability to win and retain long-term high level clients as well as recurring business.
 - ✓ Detailed Energy audits and financial model analysis.
- Analyst
- Modelling and Design
 - ✓ **PV Syst, SAM, AUTOCAD and MEP Revitt.**
 - ✓ Well versed with Power system modelling using Power system **CAD, ETAP and MATLAB.**
 - ✓ **Solar and Wind energy expert.**
 - ✓ **Control of Drives using D-space.**
 - ✓ **Hands on Power electronics and drives design, build and control for PMSM, SRM.**
 - ✓ **Worked on developing the best control system strategy for plant controller for any automated system using transfer function of linear and non-linear systems (state space, predictive control, etc.**
 - ✓ Sizing and designing with detailed technical offer.
 - ✓ **Control using control valves (Flow, Temperature, Pressure measurement)**
- Design and Estimation
- Control system expertise
- Research & Development
 - ✓ Constantly working towards advancing the outdated technologies

- Automation
- Team Work

- ✓ Automation for the process and control flow analysis in both Industrial sector and Power Grids.
- ✓ Analysis for Industrial plants using SCADA
- ✓ Analysis for power delivery in Micro-Grids
- ✓ Fostering and maintaining a cooperative environment for working

WORK EXPERIENCE

Nov 2017- Present

- **Project**

Boond Engineering and Development, Delhi

- ✓ Defining long-term organizational strategic goals for EPC contracting.
- ✓ Project Management and commissioning of **more than 8MW Rooftop and projects across PAN India** with detailed technical and commercial benefactors.
- ✓ Building key customer relationships.
- ✓ Identifying business opportunities and reviews of RFP risk Matrix, RFQ of Rooftop and Energy storage.
- ✓ Due Diligence reports, PPA and Govt. Liasoning and dealing with IPP's.
- ✓ Debt and Equity Structure Management along with their respective financial models in Excel.
- ✓ Energy storage space and micro grids.
- ✓ Project management of the closed deals.
- ✓ Present to and consult with mid and senior level management on business trends with a view to developing new services, products, and distribution channels.
- ✓ **Project and Business Development Manager**

- **Role**

Jan2016- Nov 2017

- **Project**

GeoPower India Private Limited, Delhi

- ✓ Project management (EPC,I&C, conducting design reviews, Budget estimation, procurement and timelines) and execution of **more than 3MWp** rooftop and ground mounted projects in Delhi, Punjab, UP and Haryana.
- ✓ Control monitoring using PLC and SCADA for Data logging and precision control of the tracking systems.
- ✓ Energy Audit of Bills and Energy Savings financial modelling analysis using PV Syst, PV SOL, Helioscope etc.
- ✓ Conceptual and detailed electrical and civil design of SPV plants.
- ✓ Supervision of O&M of the existing SPV plants.
- ✓ Design review of all aspects of project management (Specifications, Calculations, BOM, feasibility studies)
- ✓ Business Development and retaining high profile clients for recurring business.
- ✓ Detailed Project technical report writing.

- **Role**

Project Engineer

January - October 2015

- **Project**

Hanergy, Leeds UK

- ✓ Modelling and design of PV Plants and Solar thermal system for Residential applications.

- Clients
- Designation

- Modelling for HV and MW power system applications.
- ✓ Control monitoring using SCADA and regulatory valve control for thermal plants.
- ✓ Co-ordination of Sales projects
- ✓ Meeting the desired targets and frequent report preparation.
- ✓ O&M of the existing and new PV plants
- ✓ IKEA UK
- ✓ Solar Engineer(Part Time)

September 2013- June 2014

- Project
- Clients
- Designation

American University of Sharjah. UAE

- ✓ *Research on Modern predictive control system (PMSM &SRM) and Small wind turbines(SWT).*
- ✓ American University of Sharjah
- ✓ Research assistant

July - August 2011

- Project
- Clients
- Designation

Abiat oleo industries (Soaps and Detergents), UAE

- ✓ To monitor the control section of the industry.
- ✓ SCITRA, DITRA, UAE
- ✓ Electrical Engineer Intern

PROJECT EXPERIENCE

September 2014- September 2015

- Project
- Accredited by
- Technologies
- Project Motif

MSc Main Project

- ✓ Hybrid energy storage system for Micro- grids
- ✓ **University of Leeds, UK**
- ✓ MATLAB/SIMPOWER, Power system CAD, Converter building and design
- ✓ To ensure the continuous supply of power in the system using Hybrid Batteries and Supercapacitors combination.

September 2013- May 2014

- Project
- Accredited by
- Technologies

Research project

- ✓ Development of Hybrid power system(HPS).
- ✓ **American University of Sharjah, UAE**
- ✓ MATLAB/SIMULINK, PSCAD, D-SPACE, Converter building and design, Motor design.

January 2013- May 2013

- Project
- Accredited by
- Technologies
- Project Motif

UG main project

- ✓ Research on different vector control strategies for IM drives
- ✓ **Anna University , INDIA**
- ✓ MATLAB/SIMULINK and PSCAD
- ✓ Induction Motor control strategy was developed using Vector control methods.

May 2012- December 2012

- Project

Research Project

- ✓ Novel Hybrid Electric Auto-rickshaw

- Accredited by
- Technologies
- Project Motif

- ✓ **Anna University, INDIA**
- ✓ MATLAB/SIMPOWER, Solar Panel and Wind turbine designing.
- ✓ To develop a Hybrid electric auto-rickshaw which runs on solar, wind and gasoline.

PROFESSIONAL SKILLS & EXPERTISE

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|---|--|
| <ul style="list-style-type: none"> • Leadership skills • Control monitoring • MATLAB • AUTOCAD-2D • MEP-Revitt • PV SYST • SAM • WIND PRO • D-space • MATLAB-SIMPOWER • Power System CAD(PSCAD) and ETAP • PLC • MS Excel • MS Word and PowerPoint • Computer languages • Languages Known | <ul style="list-style-type: none"> ✓ Strong presentation and team management. ✓ Transfer function and Modern control strategy (MPC, OC and state space analysis). ✓ Modelling and Coding for all electrical and electronic components ✓ For electrical plan drawings. ✓ For MEP design. ✓ Designing and managing PV projects. ✓ Basic PV system designing for Annual yield from a project site. ✓ Basic feasibility check-up and design. ✓ Electronic design control and Automation. ✓ Modelling and design of Power system, Power electronics and electric drive trains. ✓ Design and modelling of Power system for high Voltages ✓ Basics of ladder logic program for PLC ✓ Business and Financial Model restructuring. ✓ Advanced report and presentation skills. ✓ C, C++ ✓ Fluent in ENGLISH, HINDI, MALAYALAM & TAMIL ✓ Conversational in French ✓ Basic German and Arabic. |
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CERTIFICATIONS

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|---|---|
| <ul style="list-style-type: none"> • IELTS • TOEFL(ibt) | <ul style="list-style-type: none"> ✓ 7.5 band score with 9 in Listening ✓ 95/120 with 28/30 and 27/30 in speaking and writing sections respectively |
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PERSONAL DETAILS

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| <ol style="list-style-type: none"> 1. Nationality 2. GENDER 3. Passport NO 4. Passport Validity 5. Marital Status 6. Driving License | <ul style="list-style-type: none"> ✓ INDIAN ✓ MALE ✓ K3485042 ✓ Valid till April 2022 ✓ Single ✓ UAE |
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DECLARATION

I do here by declare that the information given here is correct to my knowledge and I hope to be considered for the job.

Jonas Daniel CC