**Amit Arun Chimmalgi**

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**Experience**

**Elgi Equipments Ltd. – Coimbatore, India**

*Senior Lead Engineer, R&D, Electrical, Motor Development.**October 2017 - November 2021*

* Data analysis for confirming final settings of a thermal crimping machine used in an Electric motor production facility.
* Analytics and calculations using python based excel automation tools for Electric Motor design verification.
* Calibration of torque transducer, temperature scanners and Power Analyzer as a part of test bench readiness for audits and certifications.

**Ecofrost Technologies Ltd. – Pune, India**

*Testing Engineer, R&D, Power System.* *October 2014 – April 2016*

* Variable Frequency Drive parameter settings and Electrical panel layout connections for refrigeration control systems prove out.
* Embedded C coding for integration of Maximum power point tracking algorithm with motor controller.

**Enercon India Pvt. Ltd. – Dharapuram, India**

*Assistant Engineer, Electrical Maintenance.* *June 2011 – May 2013*

* Understanding electrical drawings and making test setup for troubleshooting PCBs’, sensors etc. used in wind power controls.
* Ensuring minimum MTTR( Mean Time To Repair) and MTBF(Mean Time To Failure) for Wind Farm of 50 MegaWatt capacity.

**Skills**

**Machine learning.**

* Image detection, Natural language processing and Time series formulation.
* Tensorflow tools for dataset ingestion, model training and data visualisation.

**Web page design using python Flask and Django**

* Forms, SQL ,enabling HTTPS and Domain name service.
* Amazon web service integration and Linux server creation for hosting the webpage into production.

**Education**

**Manipal Institute of Technology – Manipal, India** *August 2013 to June 2015*

Master of Technology, Power Electronics; Cumulative Grade Points Average: 8.25

**Mumbai University – Mumbai, India**  *August 2006 to December 2010*

Bachelor of Engineering, Electronics Engineering, Overall percentage 62.5%.

**Additional skills**

**Technical**: MATLAB, Python.

**Languages:** Fluent in English.

**Certifications & Training:** ENERCON GmbH Wind Turbine certified Engineer.