

Kondamadugula LEELA SAI PRABHAT REDDY

Male | Indian

[in](https://www.linkedin.com/in/prabhat-reddy) [linkedin.com/in/prabhat-reddy](https://www.linkedin.com/in/prabhat-reddy) [+49 176 8696 0521](tel:+4917686960521) [@ prabhatreddyk@gmail.com](mailto:prabhatreddyk@gmail.com)

[📍](#) Felsennelkenanger 9, S042, 80937 Munich, Germany



EDUCATION

- October 2018 - Present **M.Sc. Computational Science and Engineering**, *Technical University of Munich*, Munich, Germany
- August 2013 - June 2017 **B.E. Mechanical Engineering**, *M S Ramaiah Institute of Technology*, Bengaluru, India
- Bachelors Thesis - "Design and Analysis of a Flapping Wing of Micro Aerial Vehicle using Ionic Polymer Metal Composite"

EXPERIENCE

- August 2020 - Present **Working Student | Siemens, CT RDA SDT MSO-DE, Munich, Germany**
- Research on Deep Learning with Physics
 - Focus on *Physics Informed Neural Networks* (PINNs)
- [Python](#) [TensorFlow](#) [PyTorch](#) [Git](#) [Spyder](#) [Visual Studio Code](#)
- June 2019 - April 2020 **Working Student | TÜV SÜD, MEDICAL HEALTH SERVICES, Munich, Germany**
- Software Tester to carry out test runs and creation of UML class diagrams for Software Development
 - Microsoft Azure DevOps Specialist
- [Microsoft Azure DevOps](#) [StarUML](#) [Microsoft Excel](#)
- July 2017 - June 2018 **Manufacturing Executive | Juices Category, ITC FOODS PVT. LTD., Bengaluru, India**
- Entrusted with the responsibility of overseeing plant operations
 - Involved in preventive and periodic maintenance of various equipment in the factory (TBA-08; TBA-19; CAP-47)
 - Improved public speaking, leadership, presentation and communication skills
 - Hands-on experience with a few modules of SAP
- [Microsoft Office](#) [SAP](#)
- July 2016 **Research Assistant | Department of Mechanical Engineering, INDIAN INSTITUTE OF SCIENCE, Bengaluru, India**
- Characterization of wear properties of a Friction-Stir-Processed Aluminium and Titanium composite using pin-on-disc Tribometer
- [L^AT_EX](#)
- July 2015 **Intern | Composites Manufacturing Division, HINDUSTAN AERONAUTICS LIMITED, Bengaluru, India**
- Fabrication of a Non-Destructive Reference Panel for the purpose of Computed Tomography (CT) Scan
- [AutoCAD](#)

SKILLS

Programming	C, C++, Python (NumPy, TensorFlow and PyTorch frameworks), MATLAB
Version Control	Git, Microsoft Azure DevOps
Parallel Programming	P-Threads, OpenMP, MPI
Operating Systems	Windows, Linux
Documentation	MS-Office Package, L ^A T _E X

AREAS OF INTEREST

- Machine Learning and Deep Learning
- High Performance Computing
- Game/Software Development