



Abhishek Bana

Green Entrepreneur / Engineer

About Me

I am an Electronics Engineer with a Master's degree in Avionics Engineering. I have worked on various projects in Aerospace, Advertising, and Banking. My goal is to empower my country with renewable, clean energy resources and create skilled jobs in both rural and urban areas of India. I believe in addressing problems at the grassroots level. Consequently, my company is based in a rural area where there is abundant manpower to achieve my goal, while simultaneously developing my region.

Highlights

- Research, Prototype and development of electric vehicles, solar and Lithium products
- Experience in designing, testing and verification of aircraft parts.
- External Expert Board Member of BoS at Sharanbasava University, Kalaburgi
- Active community member of FabLab Berlin and Maker Fair.
- Experience in various prototyping methods including laser cutting/engraving, CNC machining and 3D printing

Experience

Jan 2025 - Present CEO, SUNIGNITE INDUSTRIES, Bengaluru, India.

- Research, Prototype and development of EV Mobility and Lithium products
- Set Up of Solar and EV Mobility manufacturing plant

2024 - Present External Member BoS, SHARANBASAVA UNIVERSITY, Kalaburgi, India.

Jan 2018 - Present MD, SAURALLY SOLAR PRIVATE LIMITED, Bengaluru, India.

- Research, Prototype and development of electric vehicles, solar and Lithium products
- Market research and brainstorming for new products
- Set Up of Solar and EV Spares manufacturing plant

Jun 2016 - Sept 2017 Real Time Engineer, TRAVEL AUDIENCE GMBH (AN AMADEUS COMPANY), Berlin, Germany.

- Real time system development for online bidding system
- Development of gRPC and RESTful APIs for Hardware based realtime systems
- RealTime Bidding software development for AdExchange
- Building scalable system in Docker

July 2014 - May 2016 Jr. Scientist, AIRBUS, Bremen, Germany.

- Research & development in Industry 4.0 and Internet of Things(IoT)
- Realtime System designing for propulsion trajectory correction system

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Aug 2013 - May 2014 Master Thesis Student, AIRBUS, Bremen, Germany.

- Designing simulation model of Distributed Hydraulic System (highlift system testtrigs of Airbus commercial aircraft)
- Investigation, testing and hardware validation of simulink models
- Documentation and presentation of research work

Skills

Prototyping 3D Printing, CNC Machining and Laser cutting/engraving

Designing Simulink, MatLab, LabView, TinkerCAD, Eagle

Software Development Git, Docker, Kubernetes, Ansible, Jenkins CI, GitLab CI

Programming Go, C/C++, Embedded Programming, Database Programming

Documentation MS Word, MS Excel, MS PowerPoint, L^AT_EX, MS Visio

Operating Systems Linux (*Expert*), Windows, RTOS

Others Responsible, Flexible, Analytical skills, Teamplayer

Education

2012–2014 Master of Science in Avionics Instrumentation, Hochschule Bremen University of Applied Sciences, Bremen, Germany.

Sept 2008-July 2012 Bachelor of Engineering in Electronics, Visvesvaraya Technological University, India.

Languages

English Bilingual proficiency

German Basic Conversation


Kannada Native

Hindi Advanced

Hobbies

- Software/Hardware Hobby Projects
- 3D - Printing
- Football
- Travelling

Social Profiles

 www.abhishekbana.com

 <https://lnkd.in/abhishekbana>

 https://twitter.com/abhishek_bana