

RESUME

PERSONAL DATA

Name	VARUN SHARMA
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Nationality and Marital Status	Indian and Single
Date of Birth and Place	18 Apr 1988, India

OBJECTIVE: To continue my career path with a challenging and fulfilling position, benefiting the company and personal development goals as well. I believe in learning each day of work and motivated enough to work in variety of fields. Graduated in Jan 2016, I am seeking opportunities to grow daily.

EDUCATION

Technische Universität Chemnitz, Germany	Master of Science (MSc): “Micro and Nano Systems”
Maharshi Dayanad University, India	Bachelor of Engineering (B.E): “Electronics and Communications”

CERTIFICATIONS

Solar Energy International (SEI) Paonia, CO, United States of America	Solar Training: “Solar Electric Design and Installation (Grid-Direct)” Description: The certification provided an overview of the three basic PV system applications, primarily focusing on grid-direct systems. The goal of this certification is to create a fundamental understanding of the core concepts necessary to work with all PV systems, including: system components, site analysis, PV module criteria, mounting solutions, safety, and commissioning. The certifications also cover the basics of sizing a residential grid-direct system, wire sizing, over current protection, and grounding.
Solar Energy International (SEI) Paonia, CO, United States of America	Solar Training: “Advanced PV System Design and the NEC (Grid-Direct)” Description: Applying National Electrical Code (NEC) standards and industry best practices to residential and commercial grid-direct solar electric systems to ensure safe, code-compliant design and installation. This certification builds up deep understanding of the core concepts from “Solar Electric Design and Installation”, expanding them to address larger, grid-direct PV systems. It focuses significantly on the interconnection calculations, grounding, workspace clearances, and disconnect and over current protection sizing and considerations.

EXPERIENCE

COMPANY:	SunSource Energy (www.sunsource-energy.com)
PROFILE: DURATION:	Sr. Engineer- BD and Design May 2016 to Present
TASKS:	Summary: <ul style="list-style-type: none">I am working on a techno-commercial role handling both design and technical BD (Roof-Top- India and Philippines). I am a single point of contact between the client, pricing, BD and the technical team respectively. Furthermore, I am responsible for understanding the client’s desire for the solar power plant which in turn affects the cost of the project.The most important part, I conduct all site surveys myself and take necessary approvals from the client which are very important. Moreover, I keep regular follow up/update with all the clients so that no dissatisfaction arouse between the company and the clients.
TOOLS AND TECHNIQUES: CLIENTS HANDLED:	AutoCAD, PV Watts, PVsyst, Helioscope, MS Office RK Marble, Nitin Spinners, JK Cement, Shree Cement, DCM Shriram, DRL, Mohali Airport and many more.
COMPANY:	Bayerisches Zentrum für Angewandte Energieforschung (ZAE-Bayern) (www.zae-bayern.de)
PROFILE: DURATION:	Master Thesis: “Sintering of Silicon Nanoparticle Layers” May 2014 – Oct 2015
TASKS:	<ul style="list-style-type: none">Research and Literature review of the previous research work.Preparation of various dispersions with solvents, dispersants and stabilizers.Preparation of Substrates with specific shape and size with respect to thin films for sample deposition.Application of silicon nanoparticle layers on high temperature substrate.High temperature processing of the nanoparticle layers.Optimizing high temperature process.Characterizing sintered nanoparticle layers.
TOOLS AND TECHNIQUES:	Dr. Blade, Tube Furnace, Glove Box, Scanning Electron Microscopy (SEM), Fourier Transform Infrared Spectroscopy (FTIR), Optical Microscope and μ-Raman Spectroscopy.
COMPANY:	Measurement and Sensor Technology, TU-Chemnitz (https://www.tu-chemnitz.de/etit/messtech/html)
PROFILE: DURATION:	Research Project May 2014 – March 2015
TASKS:	<ul style="list-style-type: none">Preparation of various colloidal solutions of Au-NP, CNT:SDBS, Graphene, Graphene oxide and PEDOT:PSS.Preparation of Substrates with specific shape and size with respect to thin films for sample deposition.Study of absorption and circuits – IR and Impedance spectroscopy.Analyzing electrical, mechanical and optical properties.

TOOLS AND TECHNIQUES: Drop casting, Substrate preparation, Sonication, Centrifugation, Optical microscope, Scanning electron Microscopy (SEM), Strain measurement, Electrical measurement and Sheet resistance measurement.

COMPANY: Robert Bosch GmbH

PROFILE: Praktikant (Intern): Project Management Officer
DEPARTMENT: Production System (Automotive-UBK , G4/ PJ- SPK)
DURATION: Jan 2013 – June 2013

- TASKS:**
- ✚ Ensuring that project management standards are followed.
 - ✚ Managing and facilitating the portfolio management process.
 - ✚ Ensuring communication with other departments for better process flow.
 - ✚ Execution of programs for extraction of Material Masters on SAP.
 - ✚ Execution of programs to upload custom tables on SAP.
 - ✚ Execution of Data cleansing and data maintenance programs and reporting to the G4/ PJ-SPK.
 - ✚ Good overview on SAP standard transactions
 - ✚ Good overview on the Material Master view.
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- ✚ HPQC (HP Quality Control) Maintaining and Development.
 - ✚ Creating Statistics Analysis / Presentations.
 - ✚ Analyzing processes, Perform Reporting and Corrective actions.

TOOLS AND TECHNIQUES: HP Quality Control, SAP and Microsoft Office

COMPANY: Emico Instrumentations Pvt. Ltd. (Service Partner : Siemens Ltd and Maquet Ltd)

PROFILE: Field Service Engineer
DEPARTMENT: Service and Application (Medical Equipments)
DURATION: July 2010 – June 2011

- TASKS:** Service:
- ✚ Maintaining all models specific to a modality in the assigned area in terms of installations, completing preventative maintenance and field modification instructions.
 - ✚ Total system level trouble-shooting on complex multi-symptom problems.
 - ✚ Maintaining customer satisfaction.
 - ✚ Assisting in the growth and direction of business.
 - ✚ Responsible for Warranty and PMS contract cost control.
 - ✚ Completing all administration tasks on time. Ensuring timely completion of FMIs and PMS inspections documentation for assigned accounts.
 - ✚ Identifying and reporting any and all customer quality or compliance concerns to quality dep.
- Application:
- ✚ Assisting technical team during sales process in demonstrating full range of products including potential uses, product capabilities and benefits to customers.
 - ✚ Developing and delivering product training to customers on equipment use..
 - ✚ Using customer feedback to assist sales team in developing sales, marketing and customer service strategies.

OTHERS

LANGUAGES: English (Fluent)
Deutsch (A2)
Hindi (Mother tongue)

KEY STRENGTHS: Proficient at working in a team
Confident and efficient in learning new knowledge
Well organized & pursuing problem solving abilities
Self-believing and optimistic attitude towards work

INTEREST/HOBBIES: Travelling, Table tennis, swimming, reading books....

Current CTC: Rs 6,00,000 annually