

Ananda Shetty

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Ramakka Nilaya, #160, 1st Main, 13th A Cross, N.S. Palya, BTM 2nd Stage, Bangalore - 560076.

OBJECTIVE

To work in a stimulating and challenging milieu that would facilitate the maximum utilization and application of my broad skills and expertise in making a positive difference to the organization.

SYNOPSIS

Currently working as a **Senior Staff Engineer – Component Engineer & Document Control** at **NexGen Power Systems**.

- I possess over 16+ years of experience. In my role, I closely collaborate with the NPI R&D design/testing, manufacturing team, PCB design, mechanical team, supply chain, Mfr/supplier and marketing/finance team.
- I have strong experience in Component Engineering for Electrical, Electronics, Mechanical, Cable/wire harness, etc.
- My extended expertise lies in component evaluation, Obsolescence Management, BOM, ECO/MCO/ECR/TDN.
- Exposure to schematic and PCB Design tool Mentor Graphics for PADS Layout, review symbol creation and accompanied by exceptional management skills with a keen focus on delivering technical solutions.
- Proficient in PLM tools such as Agile, Arena, Silicon Expert, Omnify, etc.
- Proficient in Computer skills include MS Office, Lotus Notes, Visio, Oracle, Unix, SAP, etc.

EDUCATION & CERTIFICATION

- **BE in Electronics & Communication** from **B.M.S. College of Engineering, Bangalore** with 66.43% (2008-2011)
- **Diploma in Electronics & Communication** from **S.J.(Govt) Polytechnic, Karnataka** with 61.53% (1998-2001).
- PUC from Govt College Sagar, Karnataka Board with 69.13% (1998).
- SSLC from Chennammaji High School, Alagerimandri, Karnataka Board with 65.71% (1995).
- Certified **Six Sigma Green Belt** (DFSS, DMAIC) from Honeywell

WORK EXPERIENCE

NEXGEN Power Systems, Bangalore.

(Nov'2022 Onwards)

NexGen is the premier vertically integrated power electronics company that develops and manufactures innovative power systems with our revolutionary NexGen Vertical GaN™ semiconductor technology.

Designation: Sr. Staff Engineer – Component Engineer & Document Control.

- Working with NPI team for the product 20W LED Driver & 240W Power Supply.
- Supporting NPI R&D team EVT/DVT/PVT for Component Engineering, BOM Cost reduction, Price negotiations & lead time reduction for volume production, getting samples for testing & validation.
- Alternate component findings for Electrical, Electronics, Mechanical parts, Cable/Wires etc.
- Identifying new vendors for commercial & custom parts as per requirements, finding alternatives.
- Collaborating with cross functional teams like NPI R&D design, testing, PCB design, Mechanical team, Supply chain, Manufacturing team, Component Suppliers/vendors, Manufacturers & Marketing/Sales for smooth operation.
- Expert in writing, review and tracking ECO/MCO/TDN/ECR.
- New internal part creation for the approved Mfr parts, adding data/spec/drawing sheets & RoHS CoC etc.
- Collecting and analyzing information on component obsolescence from different sources.
- BoM Scrubbing, identifying critical and high-risk components in products by Performing Component Risk Analysis.
- Tracking component lifecycles, proactively identifying and driving solutions to resolve end-of-life (EOL) and obsolete situations to minimize impacts.
- Addressing Product Change Notices (PCN's) / Product Discontinue Notice from component manufacturers.

Actalent Services (A Subsidiaries of Allegis Group), Bangalore.

(Jan'2021 to Nov'2022)

Client: [MKS Instruments](#), USA based EMS/OEM Company.

Designation: Project Lead/Specialist - Component Engineer

- Manage the Component Engineering team (6-10 members) and oversee all related activities.
- Collaboration with engineering, manufacturing, and supply chain teams to resolve EOL, Critical Shortages, and PCNs/PDNs issues.
- Expert in writing, review, approval and tracking ECO/MCO/TDN/ECR.
- Finding alternate source for Electrical/Electronic & Mechanical components and replacing
- Proactively suggest alternatives for EOL (End-of-Life) components and address risks related to component availability and shortages.
- Review and approve Component Validation test reports for parts purchased from non-Franchised brokers to mitigate critical parts shortages caused by the current global supply chain challenges.
- Effectively manage and support the new part creation and release process.
- Proficient in PLM tools such as Agile, Silicon Expert, Omnify, etc.
- Hands-on experience with Silicon Expert/IHS tools for forecasting obsolescence, ROHS & REACH analysis.
- Expert in BOM Scrubbing and risk analysis to ensure components status, availability, alternate source etc.
- PCN/PDN analysis to stay ahead of any potential issues.
- Diligently update the Obsolescence Management/Risk registry.
- Efficiently prioritize work and provide timely progress updates to stakeholders.
- Involved in Components Testing, evaluation, and qualification processes.
- Hands-on experience with PCB Board level testing and using various electrical/electronic instruments.
- People management - Hiring resources, setting goals, and providing mentorship.

Honeywell Automation India Limited, Pune

(Jan'2014- Dec'2020)

Client: [MKS Instruments](#), USA based EMS/OEM Company.

Designation: Hardware/Component Engineer

- People management, including hiring (contract resource), Goal setting, mentoring, etc
- Collaboration with engineering, manufacturing, and supply chain teams to resolve EOL, Critical Shortages, and PCNs/PDNs issues.
- Expert in writing, review, approval and tracking ECO/MCO/TDN/ECR.
- Finding alternate source for Electrical/Electronic & Mechanical components and replacing
- Proactively suggest alternatives for EOL (End-of-Life) components and address risks related to component availability and shortages.
- Review and approve Component Validation test reports for parts purchased from non-Franchised brokers to mitigate critical parts shortages caused by the current global supply chain challenges.
- Effectively manage and support the new part creation and release process.
- Proficient in PLM tools such as Agile, Silicon Expert, Omnify, etc.
- Hands-on experience with Silicon Expert/IHS tools for forecasting obsolescence, ROHS & REACH analysis.
- Expert in BOM Scrubbing and risk analysis to ensure components status, availability, alternate source etc.
- PCN/PDN analysis to stay ahead of any potential issues.
- Diligently update the Obsolescence Management/Risk registry.
- Efficiently prioritize work and provide timely progress updates to stakeholders.
- Involved in Components Testing, evaluation, and qualification processes.
- Hands-on experience with PCB Board level testing and using various electrical/electronic instruments.
- People management - Hiring resources, setting goals, and providing mentorship.

OneForce Solutions, Pvt Ltd, Bangalore

(June'12-Sept'12)

Internship: Done Internship on Android Mobile application development.

SEACET Engineering Institute, Bangalore (Jul'09 – May'12)

Designation: Lab Incharge for Electronics & Communication Dept.

Handled all the labs for Electronics & Communications Engineer including Analog Electronics Communications, Advanced Communications, and Power Electronics. VLSI, Microprocessor, Digital Signal Processing, Microcontroller, Hardware Description Lab, Logic Design.

Wipro Ltd, Chennai

(Sep'06 – Aug'08)

Client: **Solelectron** (Now acquired by Flextronics), USA based EMS/OEM Company.

Designation: Component Engineer.

- Worked as Component Engineer and Quality Control
- Collecting and updating RoHS, life cycle status & other technical details to the spread sheet.
- Interact with vendors/supplier.
- Follow calls and emails to the supplier for pending to be complete
- Quality Assurance: Technical details logic checks to ensure 100% accuracy
- Upload the template to the client Environmental Compliance Database.

Adarsh Solution Pvt Ltd, Bangalore

(Jan'05 – Sep'06)

Client: [IHS Markit Inc](#), information services provider.

Designation: Component Engineer.

- Collecting and updating RoHS, life cycle & other technical details to the spread sheet for all catalog parts.
- Interact with supplier.
- Update RoHS status, provide RoHS version part for non-RoHS.
- Quality Assurance: Technical details logic checks to ensure 100% accuracy
- Update all technical attributes to the IHS Inc Database.

Bharat Electronics Ltd, Bangalore

Technical Apprentice Training - Worked as Technical Apprentice Trainee Engineer in the Navy department.

- Testing & troubleshooting PCBs for the RADAR project APARNA, RAWL-2, RAWL-3, RASHMI & MNR.
- Testing of Power supply units & Subsystem level Testing
- Testing of wave guide tubes using Network Analyzer.
- Replacing components if defective.
- Handled instruments - Spectrum Analyzer, Function and Signal generator, Synthesized sweeper, Oscilloscope, Power Supplies, Meters etc. of both Analog and Digital types.

PERSONAL DETAILS

- Male, Indian, Married.
- DoB : 8th June 1979.
- Languages known: English, Hindi, Kannada, Tamil
- Email: Anandakshetty@rediffmail.com
- Mobile: +91-7757015450

(Ananda Shetty)