



FAVIAN ZAMORANO HERNANDEZ
SR ENGINEERING & SUSTAINING
MANAGER

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EDUCATION

- Master in Artificial Intelligence
 Universidad Internacional de la Rioja
- Master in business administration
 Universidad de Sonora
- Engineering Bachelors , Electrical
 Science
 Instituto Tecnológico de Sonora,
- Technician Robotics & Instrumentation
 Cbtis 64

CERTIFICATIONS

- CMRP Centered Maintenance Reliability
- Professional BII – TE Connectivity
- Six Sigma Green Belt Ford Motor Company
- TPM TE connectivity
- IATF16949, ISO 14000, ISO900
- SAP, MP9 Software
- Energy efficiency management systems
- Professional instructor
- Siemens programmer
- Leadership ICAMI
- TEXAS instrument c28x DSP Designer
- Math for Molders Training
- Systematic Molding training
- Instrument Technician
- Allen Bradley logix 5000 programmer
- Python programmer

LANGUAGES

English - B2
 Spanish - Native
 Russian - A1

OBJECTIVE

Visionary and results oriented Engineering Director with a demonstrated history of leading cross-functional engineering teams to success in delivering complex projects and driving organizational growth. With 19 years of experience in automation, automotive and renewable energies. I am dedicated to leveraging my technical expertise, strategic mindset and leadership acumen to steer the direction of engineering initiatives and drive innovation. Seeking a dynamic leadership role where I can collaborate with executive stakeholders, develop and execute strategic plans, and cultivate a culture of excellence and continuous improvement. Passionate about driving operational efficiency, fostering talent development, and delivering impactful solutions that propel the organization forward in a rapidly evolving technological landscape

PROFESSIONAL EXPERIENCE

- 2020 – Actual **SUNPOWER CORPORATION** – Sr. Engineering Manager

RESPONSABILITES

- Formulated and executed dynamic mid- and long-term **strategies**, fostering **operational excellence** through a highly skilled multidisciplinary team.
- Elevated engineering proficiency via implementation of lean manufacturing best practices and targeted technical training initiatives.
- Demonstrated adept financial acumen in efficiently managing substantial capital and operational budgets.
- Spearheaded plant asset integrity and reliability programs to optimize overall performance.
- Revolutionized control quality systems, establishing processes and procedures aligned with global manufacturing benchmarks.

ACHIEVEMENTS

- Delivered impressive **savings of \$3 million USD** through innovative procurement and automation projects.
- Orchestrated a remarkable **20% increase** in Overall Equipment Efficiency (**OEE**) by strategically implementing an availability and performance roadmap.
- Achieved a significant **60% reduction in customer complaints** through meticulous FMEA analysis and strategic interventions

- 2014-2020 **TE CONNECTIVITY MEGASITE** – Engineering and sustaining manager

RESPONSABILITES

- Contributed to operational success by crafting **engineering baselines** and developing organizational strategies for an unparalleled customer experience.
- Effectively managed **Capex and Expenses** budgets, optimizing resource allocation for maximum efficiency.
- Led the integration of lean tools, including mistake-proofing, cell design, 5S, kaizen, and TPM.
- Oversaw workforce utilization, space requirements, workflow, and equipment layout for enhanced operational efficiency.

ACHIEVEMENTS

- Pioneered the setup **and launch of a new factory**, ensuring seamless operations from inception.
- **Strategically** built and led a proficient engineering team, aligning with a vertical operation strategy.
- Established a comprehensive training matrix and cultivated partnerships with universities to secure a highly skilled workforce.

- 2012-2014 **ROBERT BOSCH GMBH** – Engineering Sustaining Manager

RESPONSABILITES

- Ensured operational and maintenance excellence by overseeing key metrics and facilitating daily communication with the management team.
- Conducted in-depth analysis of equipment performance, driving improvements in efficiency.
- Led the planning, execution, and evaluation of Capital Expense Projects.
- Mentored and developed a high-performing team, fostering continuous growth in technical and interpersonal skills.

ACHIEVEMENTS

- Successfully steered the industrialization of an international factory project.

2008-2012 **Grupo Calidra Mexico** – Maerz Lime kiln – Controls & instruments Engineer

2007-2008 **SMC automation** – Sales Automation Engineer

2005-2007 **Ford Motor Company** – Information technology engineer

2004-2005 **Collins and Aikman** – process Molding technician

SKILLS

Proven leadership with strategic vision and financial acumen. Expertise in team building, operational optimization, and strategic planning. Technical proficiency in engineering, project management, quality control systems, asset integrity, and procurement automation. A track record of driving efficiency, cost savings, and successful project outcomes.