Eng. Daniel Bonifaz Calvo Ibarrola

Mexico

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Portfolio: https://bonifazdaniel.github.io/danielbonifazportfolio/index.html

Professional Profile

Engineer certified as a Lean Six Sigma Green Belt, fully capable of handling any mechanical–industrial situation, in addition to my professional profile as an Industrial and Systems Engineer and a Computer Engineer with extensive experience in data analysis, process optimization and software development, Linux systems administration, and application development. Passionate about continuous improvement, automation, and statistical analysis for strategic decision-making.

Education

Industrial and Systems Engineering. Tecmilenio (ITESM) | 2017 – 2022

Professional License: 13399313

Computer Engineering. Atlantic International University | 2000 – 2004

Apostille: 2004-27996

Certifications and Additional Training

Citizen Data Scientist Certification | ITESM (2025). Essential analytics and data science methodologies to extract value from information and support decisions.

Professional Certificate in Data Analytics | Google (2024 – 2025). Practical skills in cleaning, analysis, visualization, and interpretation of data to solve problems and support data-driven decisions.

Scrum Master Professional Certificate (SMPC) | Certiprof (2024). Knowledge and skills to lead agile teams by applying the Scrum framework effectively.

Diploma in Industrial Mechanics
Diploma from Ingeniería ViosCanar with STPS certification.

Lean Six Sigma Green Belt | SigmaPro Inc. (2022). Competencies to lead continuous improvement projects, applying Lean and Six Sigma methodologies to optimize processes and reduce waste.

Six Sigma Yellow Belt | SigmaPro Inc. (2018). Knowledge of Lean and Six Sigma methodologies to support process improvement projects, focusing on efficiency and error reduction.

Linux System Administration – LPI Certification | IEEE Computer Society – LPI. Essential skills to administer Linux systems, including installation, configuration, maintenance, networking, and security, according to the Linux Professional Institute (LPI) standards.

Programming in Java and Unix | UNAM.

Technical Skills

Design of experiments with Minitab.

Data analysis with Python, SQL, and R.

Software development with Python, Java, C, C++, JavaScript, and SQL.

Process optimization with Lean Six Sigma.

Database design and development.

Web application development and process automation.

Design of three-dimensional objects.

3D scanning and printing.

Professional Experience

1995 - 2009. Luz y Fuerza del Centro. Systems Coordinator for the Transmission and Transformation Management.

2002 – 2006. CIDEH - Integral Center for Human Development. Application development for organizational management.

2009 – 2023 - Servicios derivados de la construcción SC. Logistics and Performance Coordinator.

2024 – Present - Válvulas de América SAPI de CV. Production Coordinator.

Languages

Spanish: Native.

English: Intermediate–Advanced (Reading: 80%, Writing: 70%, Speaking: 70%).

Talks and Publications

Information systems, indispensable resources for healthy transformation. Luz y Fuerza del Centro - Sixth Week of Quality and Reliability of the Electric Power Service (2003).

Featured Projects