



# MICHAEL ANDERSON

## Senior Power Distribution Engineer

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### SUMMARY

Results-driven Power Distribution Engineer with over 8 years of experience in the electrical engineering sector, specializing in the design and implementation of power distribution systems. My career has been marked by a commitment to optimizing energy efficiency and ensuring the reliability of electrical distribution networks.

### WORK EXPERIENCE

#### Senior Power Distribution Engineer GreenTech Energy Solutions

Jan 2023 - Present

- Designed and implemented power distribution systems for commercial and industrial projects, achieving a 20% reduction in energy losses.
- Conducted load flow and short circuit analysis using ETAP and PowerWorld software.
- Led a team of 5 engineers in the installation of smart grid technologies, enhancing system reliability.
- Collaborated with state agencies to ensure compliance with electrical codes and regulations.
- Developed project budgets and schedules, ensuring successful project delivery within budget constraints.
- Provided technical support during the commissioning phase, resolving issues efficiently to minimize downtime.

#### Power Distribution Engineer National Power Company

Jan 2020 - Dec 2022

- Performed system studies and assessments to optimize power distribution networks.
- Utilized AutoCAD to create detailed schematics and wiring diagrams for new installations.
- Analyzed system performance data to identify areas for improvement and implement solutions.
- Collaborated with contractors and vendors to ensure timely delivery of materials and services.
- Managed multiple projects simultaneously, ensuring adherence to timelines and quality standards.
- Facilitated training sessions for junior engineers on power system analysis techniques.

### EDUCATION

#### Bachelor of Science in Electrical Engineering, University of California, Berkeley, 2014

Sep 2019 - Oct 2020

### ADDITIONAL INFORMATION

- **Technical Skills:** Power Distribution, Load Flow Analysis, ETAP, AutoCAD, Project Management, Renewable Energy
- **Awards/Activities:** Recipient of the 'Innovative Engineer Award' for outstanding contributions to smart grid projects in 2021.
- **Awards/Activities:** Successfully reduced operational costs by 15% through process optimization initiatives.
- **Awards/Activities:** Authored a white paper on advancements in power distribution technology, presented at a national conference.
- **Languages:** English, Spanish, French