

RESUME

Akshay Dilip Chavan

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Permanent Address: B-59, Keshav Complex, Dhankawadi Chintamani Ganesh Mandir,
Dhankawadi Pune - 411043

Date of Birth: 03rd March 1982 | Gender: Male | Marital Status: Married

PROFESSIONAL SUMMARY

A highly skilled **Electrical Engineer** with over **20 years of experience** in executing large-scale **PV Solar Projects, Substation Construction, Transmission Line Projects, BESS (Battery Energy Storage System) Projects, and MEP (Electrical) Projects**. Expertise in handling **Erection, Installation, Testing, and Commissioning of Electrical Systems**, including **Solar PV, Switchyard, and Bay Extension Projects (11kV - 380kV)**. Strong background in **Project Execution, Quality Control, Energy Conservation, Cost Management, and Team Leadership**. Demonstrates excellence in client relationship management and site operations optimization.

AREAS OF EXPERTISE

- **Solar PV Projects**
 - **BESS Projects** (Battery Energy Storage System)
 - **Transmission Lines & Underground Cabling**
 - **Project Management & Execution**
 - **Electrical Substations & Switchyard Projects**
 - **MEP Projects** (Electrical)
 - **Erection, Installation and Commissioning**
 - **Energy Conservation & Cost Management**
 - **Quality Control & Safety Management**
 - **Client Coordination & Stakeholder Management**
 - **Leadership & Team Management**
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PROFESSIONAL EXPERIENCE

LARSEN & TOUBRO CONSTRUCTION

Construction Operation Manager (Electrical)

July 2024 – Present

Client: Air Products / NEOM / ACWA Power (Saudi Arabia)

Project: NEOM GREEN HYDROGEN PROJECT (PV Solar 2.79 GW & BESS Project)

- Lead execution of electrical works including **Power Conversion System (PCS)** and **Battery Energy Storage Systems (BESS)**.
- Oversee **installation, commissioning, and testing** of solar power systems and electrical infrastructure for large-scale projects.
- Coordinate project schedules, resources, and client requirements to ensure timely project delivery.

GODREJ & BOYCE

Project Engineer (Electrical Package In-Charge)

July 2023 – June 2024

Client: Bangalore International Airport, MMTH

Project: MEP Electrical Project

- Managed **electrical substation** works and **electrical system installations** for **MEP** projects.
- Led **execution of high-voltage electrical works**, ensuring adherence to project specifications and timelines.

STERLING AND WILSON LIMITED

Sr. Project Engineer

Jul. 2018 – Nov 2021

Client: TANESCO (Biharamulo, Tanzania, East Africa)

Project: 220kV Power Transmission Line

- Managed **work execution** and **coordination** for high-voltage **transmission line** projects.
- Oversaw **quality and safety implementation** on-site, including **site execution, client interaction, and subcontractor reconciliation**.

STERLING AND WILSON LIMITED

Sr. Project Engineer

Aug. 2017 – June 2018

Client: Soft Bank (Bhadla, Rajasthan)

Project: 200 MW / 300 MW Solar Projects

- Led **Electrical Substation and Installation** for large-scale **Solar Plants**.
- Coordinated **33kV/132kV transmission lines, underground cables, switchyards, and solar plant installations**.

STERLING AND WILSON LIMITED

Sr. Project Engineer

Sep. 2016 – Aug 2017

Client: First Solar Pvt Ltd (Telangana, Hyderabad)

Project: 50MW Solar Project

- Led the **electrical work execution** for **substations, transmission lines, and solar plants**.
- Executed the installation of **132kV transmission lines** and managed **underground cable works**.

STERLING AND WILSON LIMITED

Sr. Project Engineer

May 2016 – August 2016

Client: Renew Akshay Urja Pvt. Ltd.

Project: 28 MW Solar Project & Transmission Line

- Managed **solar plant installation** and **33kV/132kV transmission lines**.
- Oversaw coordination with **MSEDCL** for grid connection and power distribution.

STERLING AND WILSON LIMITED

Sr. Project Engineer

Jan 2016 – April 2016

Client: Vishwaj Energy Pvt Ltd (Solapur, Maharashtra)

Project: 10 MW Solar Plant & Transmission Line

- Led **electrical work execution** for **solar plant, 132kV transmission lines**, and **switchyard** installation.
- Coordinated with clients for **grid connection** and **electrical safety**.

STERLING & WILSON LTD.

Sr. Project Engineer

Sep. 2009 – Dec 2015

Client: M.S.E.D.C.L.

Project: Electrical Works for 11kV/22kV/33kV HT, LT, Overhead Lines & Underground Cables

- Managed **electrical work execution** for various **substation** and **transmission line projects** across Maharashtra.

THYSSENKRUPP ELEVATOR INDIA

Installation Supervisor.

Nov.2006 to Sep.2009

Project: Elevator (Installation/Testing /commissioning)

- Managed **electrical work execution** for various Elevators in **construction projects** across Maharashtra

CENTRAL WATER AND POWER RESEARCH STATION

Diploma Trainee.

Aug. 2005 to August 2006

Project: Apprenticeship.

- Managed Various Electrical Works of Sub-station, HT, LT, Over Head line, Maintenance of Substation, Starter, Motor, Transformer and Installation and Operation of Electrical equipment's.
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EDUCATION

- **B.Tech in Electrical Engineering**
J.R.N. Rajasthan Vidyapeeth (Deemed-to-be University), 2012 | 63.55%
 - **Diploma in Electrical Engineering**
Cusrow Wadia Institute of Technology, Pune, 2005 | 53.66%
 - **S.S.C. (Secondary School Certificate)**
Bharti Vidyapeeth, Maharashtra State Board, 2000 | 52.20%
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SKILLS & CERTIFICATIONS

- **Electrical Installation**
- **Project Management**
- **Energy Conservation & Cost Savings**
- **BESS Systems (Battery Energy Storage)**
- **PV Solar Systems (PV) up to 2.79 GW**
- **High-Voltage Systems (11kV - 380kV)**
- **Electrical Safety Standards**
- **MS Project**
- **Microsoft Office Suite**
- **Excellent Leadership & Communication Skills**

LANGUAGES

- **Hindi:** Fluent (Reading, Writing, Speaking)
- **English:** Fluent (Reading, Writing, Speaking)
- **Marathi:** Fluent (Reading, Writing, Speaking)

PERSONAL ATTRIBUTES

- Strong **leadership** and **problem-solving** skills
- Ability to work under pressure and meet deadlines
- Excellent **relationship management** skills with clients and stakeholders
- Dedicated to ensuring **safety** and **quality** in all project phases

INTERESTS

- Renewable Energy Solutions
- Electrical Engineering Innovations
- Sustainable Energy Practices
- Battery Energy Storage Systems