

Ehsan Arezoomand

Electrical Engineer

e.arezoomand@gmail.com

(98) 9124754801

Tehran, Iran

Detail oriented Electrical Engineer with years of experience in designing of electrical systems. Seeking to leverage my knowledge of power distribution systems and electrical panel designing to maximize productivity and quality of electrical operations.

WORK EXPERIENCE

Shavadoon – Electrical Engineer

2021- Current Tehran, Iran

- Load calculation, network study, single line diagram design and equipment sizing.
- Detailed design of electrical panels and preparing schematic diagrams with providing of part list, terminal diagram, connection list and other related documents.
- Design of Earthing, lightning systems.
- Lighting calculation and design of lighting and socket layout diagram.
- Design of fire alarm system and preparing layout.
- Cable sizing calculation and providing cable, ladder and tray material list.
- Supervising and testing electrical panels to ensure operating accuracy.

Taban Tablo – Technical Department Manager

2016- 2021 Tehran, Iran

- Managed and directed technical team, finishing projects before deadline and under budget.
- Delegated and evaluated work of junior electrical engineers to proactively address issues and concerns.
- Supervised and trained electrical engineers.
- Designed drawings and specifications with CAD and created shop drawings with detailed notes of changes from original plans based on supervisor feedback.
- Communicated with project team, attending meetings 2 times per week, building presentations and graphs.
- Partnered with design team members to improve the operating efficiency of system.
- Advised a team of engineers with technical assignments, and visited project sites to perform quality control evaluations.
- Collaborated with technicians on prototype development and prepared documentation for design, parts lists, and manuals.

Rasel Tablo – Designer

2010- 2015 Tehran, Iran

- Design of power system and control circuit using Eplan and AutoCAD.
- Executed simulations and evaluations of electrical circuits, following specifications, correcting inconsistencies.
- Design of drawings and specifications with CAD and created shop drawings with detailed notes of variances and/or changes from original plans based on supervisor feedback.
- Drafted reports, presentations, manuals, and specification documents, and presented designs and design updates to supervisors and clients in review meetings.

PROJECTS

- Construction of compressor room and transfer pipeline of waste nitrogen, Khuzestan Steel Company, Ahvaz 1402, Designer of electrical system
- Waste water treatment plant, Shadegan Steel Company, Shadegan 1401, Designer of electrical system
- Waste water treatment plant, Khuzestan Steel Company, Ahvaz 1400, Designer of electrical system
- Waste water treatment Pump station, Khuzestan Steel Company, Ahvaz 1400, Designer of electrical system
- Mobarake Sangan Concentrate plant for production of 5 MTPA Iron Ore Concentrate, Khaf, Razavi Khorasan Province, 1399, Designer of SIVACON Withdrawable LV Panel.
- Iran Mall project, Tehran 1399, Setting of VFD & Soft starter brand ABB, SIEMENS, Schneider electric.
- Zagros Darou project, Saveh 1399, Designer of Synchron panel.
- Butia Steel Complex, Kerman 1398, Designer of MV & LV Withdrawable panels
- Charity Foundation for Special Diseases (Cancer Center), Tehran 1398, Designer of MV Compact Post & LV Fix/Withdrawable panels & PLC programmer.
- Baghdad Hospital, Baghdad 1397, Designer of MV Compact Post Uni Switch type panels.
- Ghaenat direct reduction plant, Ghaenat 1396, Designer of MV & LV Withdrawable panels

EDUCATION

- **Amirkabir University of Technology** (Tehran Polytechnique) - Master of Science, Physics
2011- 2013 Tehran, Iran
- **Bu-Ali Sina University** - Bachelor of Science, Physics
2003- 2007 Hamedan, Iran

SKILLS

- Etap
- Autocad
- Eplan
- Dialux
- Protection relay software (Vamp, Schneider,..)
- TIA Portal
- LOGO Software
- Office

LICENSE

- SIEMENS Certification, 7SR Series (Reyrolle) Protection Relay Training, July 2017

LANGUAGE

- Persian (Native)
- English (Intermediate)