

# MOHAMMAD ALAYAN AHAD (SCE®)

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## PROFESSIONAL SUMMARY

SCE-registered Civil Engineer with hands-on experience delivering **renewable energy and infrastructure projects**, including **solar (2.97 GW), wind (1.6 GW), substations, ports, and BESS** works within **NEOM and EPC environments**. Strong in **site execution, material coordination, QA/QC compliance, and contractor supervision**, ensuring alignment with drawings, method statements, and project schedules. Equipped with **Power BI and Primavera P6** to support **progress tracking, reporting, and data-driven site decisions**. Actively seeking **field-based Project Engineer or Site Engineer roles** where strong execution capability, coordination skills, and on-ground problem-solving can directly support project delivery and performance.

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## PROFESSIONAL EXPERIENCE

### MULTI NOVA CONTRACTING COMPANY – TABUK, SAUDI ARABIA

#### Business Development Engineer / Jr. Project Engineer

*Aug 2025 – Dec 2025*

**Key Projects:** Wind Farm O&M Building (NGHP), 132/13.8 kV Substation – Tabuk, Rabigh BESS (500 MW / 200 MWh)

- Supported cost estimation and proposal preparation for finishing and material supply scopes, improving bid competitiveness and commercial accuracy.
  - Coordinated and supervised finishing works execution (tiling, painting, interface activities), ensuring on-time delivery and quality compliance.
  - Managed dune sand and backfilling material supply, aligning logistics, site demand, and documentation to prevent schedule slippage.
  - Oversaw on-site coordination for a 132/13.8 kV substation, synchronizing manpower, materials, and workflow to achieve milestone targets.
  - Ensured 100% material compliance and traceability for BESS foundation backfilling works, supporting audit readiness and specification adherence.
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### DURRAT AL DOHA TRADING – DUBA, SAUDI ARABIA

#### Business Development Engineer

*Apr 2025 – Jul 2025*

NEOM Green Hydrogen Project – Archirodon

- Managed end-to-end aggregate supply chain, sourcing and delivering 20–40 mm materials for large-scale infrastructure works.
- Ensured 100% compliance with NEOM QA/QC, testing, and procurement standards, eliminating material rejections and rework.
- Strengthened supplier partnerships, achieving a ~12% reduction in delivery lead times and minimizing project downtime.

NEOM Port – Oxagon Terminal 1 (CHEC/ESEC/HAC)

- Led sand sourcing, testing, approvals, and logistics for port infrastructure works.
- Coordinated across QA/QC, procurement, site, and head office teams, maintaining full documentation traceability from sampling to PO fulfillment.

- Improved coordination efficiency by streamlining communication workflows, accelerating approvals and site readiness.

#### **Site Engineer**

***Dec 2024 – Mar 2025***

#### **NEOM Green Hydrogen Project**

Solar Power Plant (2.97 GW) & Wind Power Plant (1.6 GW) | Client: L&T

- Managed LV & MV trench excavation, ensuring alignment with IFC drawings, safety standards, and approved method statements.
- Oversaw internal and external road works, ensuring compaction quality, levels, and durability requirements were met.
- Supervised execution of MVPS and PSS structures, ensuring reinforcement, formwork, and concrete works met project specifications.
- Monitored stone crusher operations, maintaining material quality as per approved mix designs and standards.
- Conducted compaction testing and QA documentation, supporting long-term performance and compliance.

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### **ENGINEERING SERVICES & ARCHITECTURE CONSULTANTS – KARACHI, PAKISTAN**

#### **Site Subordinate Intern**

***Jul 2023 – Oct 2023***

Falcon Malir AFOHS Residential Villas (250–500 sq. yards)

- Assisted in construction of 250–500 sq. yd. residential buildings and infrastructure networks.
- Supported senior engineers in daily site monitoring, schedule adherence, and issue identification.
- Conducted material inspections and workmanship checks, supporting quality and safety benchmarks.

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### **NOKHBET AL JAWF CONTRACTING COMPANY – TABUK, SAUDI ARABIA**

#### **Site Engineer Intern**

***Aug 2022 – Oct 2022***

Tabuk 2 Industrial Sewage Treatment Plant (ISTP) – Client: IWDC Tawzea

- Supported project planning activities using Primavera P6 and assisted site engineers during execution phases.
- Gained exposure to tank foundations, steel structures, pipeline installations (water, sewage, firefighting).

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## **EDUCATION**

### **DHA SUFFA UNIVERSITY, KARACHI**

BE. Civil Engineering |2020–2024

**Thesis:** Sustainable Soil Stabilization Process Using Waste Materials (Grade A)

- Studied eco-friendly soil stabilizers (e.g., fishbones, seashells)
- Focused on resource optimization and reducing CO<sub>2</sub> emissions

## CERTIFICATIONS & PROFESSIONAL LICENSES

Registered Civil Engineer – Saudi Engineering Council (SCE) | License No. CIVIL/1119184

Registered Civil Engineer – Pakistan Engineering Council (PEC) | License No. CIVIL/075550

## PROFESSIONAL & TECHNICAL CERTIFICATIONS

- Preparing Data for Analysis with Microsoft Excel – Microsoft (In Progress)
- Creative Designing In Power BI – Microsoft (In Progress)
- From Excel to Power BI – Knowledge Accelerators
- Engineering Project Management: Initiating and Planning – Rice University
- Engineering Project Management: Scope, Time and Planning – Rice University (In Progress)
- Integration in Managing Complex Processes in Projects – SCE Academy
- Pavement Construction Practices (IRC & MoRTH) – L&T EduTech
- Pavement Materials and Design (IRC & MoRTH) – L&T EduTech
- Relationship Management & Business Development – Starweaver
- Mastering Bitumen for Better Roads & Innovative Applications – Coursera
- The Future of Environmental Sustainability in the Construction Sector – SCE Academy

## TECHNICAL & PROFESSIONAL SKILLS

- Earthworks, trenching, backfilling, and compaction works
- Foundations for solar, wind, substations, and BESS projects
- Finishing and fit-out works supervision
- Aggregate and sand sourcing, testing, and logistics coordination
- Material compliance, QA/QC documentation, and approvals
- RFQs, BOQs, and basic cost estimation support
- Tender and proposal assistance
- Client, contractor, and supplier coordination
- AutoCAD (Basic), Primavera P6 (Intermediate), Revit (Intermediate)
- Power BI (Intermediate), MS Excel, PowerPoint, and Word

## ADDITIONAL INFORMATION

- **Date of Birth:** May 8, 2002
- **Age:** 23
- **Nationality:** Pakistani
- **Marital Status:** Single
- **Visa Type:** Transferable
- **Driving License:** Valid till 2029
- **Languages:** Urdu (Native), English (Fluent), Arabic (Conversational)
- **Notice Period:** Immediate