

Mohamed Mahmoud

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PROFILE

Civil Engineering graduate from Hasanuddin University with a strong interest in geotechnical engineering and soil improvement. Experienced in soil laboratory testing, CBR evaluation, and bacterial soil stabilization research. Completed hands-on internship experience in structural construction projects, contributing to foundation, column, beam, and slab works. Seeking entry-level opportunities in geotechnical or site engineering roles.

EDUCATION

Hasanuddin University | Makassar, Indonesia

August 2021 – February 2026

Bachelor of Civil Engineering

Status: Degree Requirements Completed (Final Project Defense – February 2026)

Key Modules: Geotechnical Engineering, Soil Mechanics, Structural Analysis, Concrete Technology, Construction Management, Surveying

Dissertation: "The Effect of Curing Time on California Bearing Ratio (CBR) Value Using Bacillus Tropicus"

Award: International Scholarship Recipient

EXPERIENCE

Civil Engineering Intern

PT. IKRAM TIGA BERLIAN – Justice Tower Project, UNHAS

Mar 2025 – Jun 2025

- Assisted in structural construction including columns, beams, and slabs
- Conducted slump tests and compressive strength sampling
- Supported reinforcement placement, formwork installation, and curing supervision
- Participated in on-site inspection and quality control activities

VOLUNTEERING

Community Service Program | Indonesia

2025

- Taught Arabic and English to students
- Assisted in Qur'an recitation (tilawah) and memorization (tahfidh) activities
- Contributed to the design of a small chicken shelter and teacher housing unit
- Developed a structured learning model for long-term educational continuity

TECHNICAL SKILLS

Microsoft Office: Word, Excel and PowerPoint

Soil Testing: CBR, Compaction, Sieve Analysis, Moisture Content, Specific Gravity

Concrete Quality Control & Slump Testing

Site Supervision & Structural Work

LANGUAGES

Arabic (*Native*), English (*Advanced*), Indonesian (*Intermediate*)