Ahmad Rofiudin Efendi

CIVIL ENGINEERING

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Recent Applied Civil Engineering graduate from Diponegoro University with internship experience in building construction projects, quality assurance & quality control (QA/QC), construction supervision, and project documentation. Skilled in AutoCAD, Autodesk Revit, Navisworks, ETABS, SAP2000, and Microsoft Project. Experienced in structural inspection, progress monitoring, quantity estimation, and technical reporting. Strong analytical, communication, and teamwork skills with a strong interest in engineering and infrastructure projects.

Education

Diponegoro University – Semarang, Indonesia
Bachelor of Applied Civil Engineering | August 2022 – June 2026
GPA: 3,67/4,00

Final Research (2026): Effect of Substitution Fly Ash and Addition Crystalline Powder Waterproofing on Compressive Strength and Permeability of Integral Concrete.

Professional Experience

Civil Engineer Intern – PT. Jaya Etika Beton
RSUD Gambiran Construction Project – Kediri, Indonesia | July 2025 – December 2025

- Conducted QA/QC inspections to ensure construction activities complied with engineering drawings, project specifications, and quality standards.
- Prepared inspection reports and project documentation using Microsoft Excel while reviewing technical drawings with AutoCAD.
- Coordinated with project engineers, supervisors, and subcontractors to support project quality and schedule.

Tools & Skills: AutoCAD, Microsoft Project, QA/QC, Construction Supervision, Technical Documentation

Civil Engineer Intern – PT. Tiara Multi Teknik
Ditreskrimsus Polda Jatim Construction Project – Surabaya, Indonesia | June 2025 – July 2025

- Performed routine quality inspections to verify compliance with project specifications and engineering standards.
- Prepared daily and weekly progress reports using Microsoft Excel.
- Assisted project engineers in resolving construction issues and monitoring site activities.

Tools & Skills: AutoCAD, Microsoft Excel, Quality Control, Site Supervision

Assistant Lecturer – Cost Estimation
Diponegoro University – Semarang, Indonesia | January 2026 – May 2026

- Assisted students in preparing Quantity Take-Off (QTO), AHSP, and RAB calculations using Microsoft Excel.
- Guided students through construction cost estimation assignments and budgeting exercises.
- Coordinated communication between lecturers and students during academic activities.

Tools & Skills: Microsoft Excel, Quantity Take-Off, RAB, AHSP, Cost Estimation.

Assistant Lecturer – Structural Mechanics III
Diponegoro University – Semarang, Indonesia | July 2025 – December 2025

- Assisted students in structural analysis using the Deformation Method.
- Supported laboratory sessions utilizing SAP2000 and ETABS for structural modelling.
- Evaluated assignments and facilitated technical discussions to strengthen students' understanding.

Tools & Skills: SAP2000, ETABS, Structural Analysis

Organization Experience

Human Resource Development Staff
HMSA Diponegoro University – Semarang, Indonesia | July 2024 – May 2025

- Organized leadership and student development programs to enhance members' professional competencies.
- Coordinated cross functional committees to support successful event implementation.

Skills: Leadership, Teamwork, Event Coordination

Logistics Coordinator – Diponegoro Muda Orientation 2024
Diponegoro University – Semarang, Indonesia | May 2024 – December 2024

- Led logistics planning and operational execution for an orientation program serving 15,000+ new students.
- Coordinated venue preparation, equipment distribution, and logistics with multiple committees.
- Managed operational schedules and logistics teams to ensure timely and efficient event execution.
- Resolved operational issues through effective coordination with stakeholders.

Skills: Project Coordination, Logistics Management, Leadership, Stakeholder Management