

JOFAN ADIANSYAH

HVAC ENGINEER | DATA CENTER SPECIALIST
| PROJECT & COMMISSIONING ENGINEER



PROFILE

HVAC Engineer with 2+ years of experience specializing in cooling tower and chiller systems for data center, commercial, and industrial projects. Proven track record in delivering HVAC installation and commissioning for mission-critical facilities, including Microsoft Data Center and Princeton Digital Group. Experienced in managing end-to-end project execution—from site survey and design coordination to installation supervision and commissioning—ensuring system reliability, efficiency, and compliance with international standards.

CONTACT

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- 🏠 Bekasi Regency, West Java, Indonesia

EDUCATION

SMK Negeri 1 | 2018 - 2021

Department of Building Modeling and Information Design

TECHNICAL SKILLS

- HVAC System Design (Cooling Tower & Chiller Systems)
- HVAC Installation & Commissioning
- Troubleshooting & Maintenance
- AutoCAD (Intermediate)
- Building Information Modeling (BIM)
- Mechanical & Electrical Coordination

TOOLS

- AutoCAD
- Microsoft Excel (Cost Estimation & Reporting)
- Revit

SOFT SKILLS

- Problem Solving
- Team Collaboration
- Leadership
- Communication

KEY PROJECTS

Data Center Projects

- **Microsoft Data Center (JKT02 & JKT05)**
 - Design Engineer (BAC New Unit)
- **Iris Building 2 by ST Telemedia**
 - Engineering Manager (BAC New Unit)
- **Edgnex JKT01 by Damac Digital**
 - Design Engineer (BAC New Unit)
- **Princeton Digital Group (PDG JC02)**
 - Site Engineer (BAC New Unit)

Commercial Projects

- **Hotel Borobudur Artha Graha Group**
 - Site Engineer (Replacement Project)
- **Wisma BNI 46**
 - Site Engineer (Replacement Project)
- **Hotel Gran Melia**
 - Sales Engineer (Refurbish Cooling Tower)
- **Gereja Kemah Tabernakel PIK 2**
 - Site Engineer (Kuken New Unit)
- **Plaza Senayan**
 - Site Engineer (Refurbish Cooling Tower)

Commercial Projects

- **PT Suryaraya Rubberindo Industries**
 - Site Engineer (BAC New Unit)
- **PT Latinusa Tbk**
 - Sales Engineer (Replacement Project)

Retail & Commercial Projects (Indomaret – 30+ Sites)

Prepared detailed shop drawings and cost estimations for 30+ retail store projects, supporting accurate planning and budgeting

CERTIFICATIONS

- **Participated in professional training on drafting for road and bridge engineering works - Iso 9001:2008** (organized by construction service office region III - Jakarta, Ministry of public works and public housing - **006/T/P/B/BJKWL3/2021**).
 - **Indonesian Professional Certification Authority in Competence of Modeling Design and Building Information Skills** (Professional Certification Institution of SMK Negeri 1 Jakarta - **SKM/BNSP/00006/2/2023/626 KKNi Level 2**).
 - **Participated in vocational workforce development training in the construction sector** (organized by construction service office region III - Jakarta, Ministry of public works and public housing - **4579/SERTIFIKAT/VOKASI/SMK/BJKWL3/2021**).
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WORK EXPERIENCE

Drafter & Estimator – PT Indomarco Prismatama (June 2021 - September 2022)

- Conducted site surveys for new store openings and renovation projects across multiple locations.
- Prepared shop drawings for civil, electrical, and plumbing coordination.
- Developed detailed cost estimates to support project budgeting and execution.
- Contributed to successful delivery of multiple retail projects within timeline and budget constraints

Engineering – PT Larasati Sarana Pratama (October 2023 – June 2024)

- Conducted site surveys and technical evaluations for incoming Cooling Tower projects.
- Supervised daily site operations ensuring compliance with design specifications and project timelines.
- Performed commissioning tests for installed cooling tower systems to ensure optimal performance.
- Maintained accurate project documentation and reporting for stakeholders.

Technical Support Engineering – PT ZI-Techasia (June 2025 – March 2026)

- Prepared technical documentation for Cooling Tower installations including site surveys, unit selection, and project proposals.
- Developed **Bills of Quantities (BoQ) and design drawings** for tender and project execution.
- Performed **Factory Acceptance Test (FAT) for BAC equipment at BAC manufacturing facility in Dalian China**, ensuring compliance with project specifications and international quality standards.
- Led project execution activities including **installation supervision, documentation control, and commissioning processes**.
- Improved project workflow efficiency by ensuring accurate documentation and coordination between teams.