

HANIIFAH CHANTAS ARADHANA

+6281212397574 | haniifah89@gmail.com | linkedin.com/in/haniifaharadhana/

Detail-oriented Microbiology fresh graduate at Institut Teknologi Bandung with hands-on experience in microbiological analysis, laboratory quality control, and food safety testing within pharmaceutical laboratory environments. Experienced in conducting microbiological testing, documenting analytical results, and maintaining laboratory operational standards through academic and internship activities. Skilled in data recording, deviation reporting, environmental monitoring concepts, and laboratory documentation with strong communication and teamwork abilities. Fluent in English and Bahasa Indonesia.

Education Level

Institut Teknologi Bandung - Bandung, Indonesia <i>Bachelor of Microbiology, 3.44/4.00</i>	Aug 2021 - Jan 2026
- Thesis: Segregational Stability of pcDNA3.1(+)_UTR_Spike Plasmid in Escherichia coli TOP10 Recombinant in Terrific Broth Medium Without Antibiotic Addition - Food Development Project: Development of Tilapia Fish Sauce with Various Variations of Glucose Addition - Relevant Coursework: Basic Microbiology, Project of Microbial Physiology, Analytical Microbiology, Principles of Fermentation Technology, Biostatistics	

Work Experiences

Institut Teknologi Bandung - Bandung, Indonesia <i>Bioinformatics Practicum Assistant</i>	Sep 2024 - Jan 2025
- Facilitated and guided 45+ students across 13 practicum modules involving scientific data interpretation and analytical problem-solving. - Assisted in environmental sample collection activities involving water, soil, and air samples at 2 different research locations: coffee plantation area and Kawah Wayang, Pangalengan, West Java. - Supported sample handling and preliminary data processing activities to ensure accurate environmental microbiology analysis. - Assisted in processing environmental sample results into metagenomic datasets for bioinformatics analysis and interpretation. - Mentored 1 project group consisting of 5 students in completing scientific reports and analytical assignments. - Coordinated practicum documentation and operational activities during field lecture sessions.	
PT Bio Farma - Bandung, Indonesia <i>Microbiology Laboratory Intern</i>	Jun 2024 - Jul 2024
- Supported microbiological testing activities involving 4+ laboratory testing categories, including food safety analysis, disinfectant effectiveness testing, cosmetic safety testing, and HPV testing within laboratory operational timelines. - Assisted sample preparation, microbial observation, media preparation, and analytical documentation processes to support testing accuracy and compliance with laboratory quality standards. - Contributed to the development of 1 disinfectant effectiveness testing module to improve laboratory workflow efficiency and support laboratory knowledge transfer. - Recorded and documented laboratory analysis results accurately to support reporting traceability and operational consistency. - Collaborated with laboratory analysts and researchers in completing microbiological testing procedures within fast-paced operational environments. - Applied Good Laboratory Practice (GLP), laboratory hygiene standards, and analytical precision throughout daily laboratory activities. - Maintained laboratory instruments, workstations, and supporting materials to ensure operational readiness during testing activities.	
Institut Teknologi Bandung - Bandung, Indonesia <i>Biostatistics Practicum Assistant</i>	Sep 2023 - Nov 2023
- Guided 48 students in statistical analysis and data interpretation using R across 9 practicum modules. - Assisted participants in understanding analytical reporting, sampling concepts, and interpretation of statistical outputs. - Facilitated collaborative problem-solving and effective communication during weekly sessions.	

Organizational Experience

Himpunan Mahasiswa Mikrobiologi "Archaea" ITB - Bandung, Indonesia <i>Senator</i>	Feb 2024 - Mar 2025
- Led and supervised 3 commissions consisting of 9 members to support organizational coordination and collaborative performance. - Coordinated communication and teamwork activities impacting 100+ students.	
International Microorganism Day at ITB 2024 <i>Head of Crowd Control Division</i>	Jun 2024 - Sep 2024
Led a division consisting of 16 committee members during a 2-day scientific event attended by 2,000+ visitors and 50 VIP guests.	

- Coordinated operational planning and field execution across multiple event areas.

Skills

- **Hard Skills** : Microsoft Office (Excel, Word, PowerPoint), R Programming, Microbiological Testing & Analysis, Food Safety Testing, Laboratory Documentation & Reporting
- **Soft Skills**: Analytical Thinking, Scientific Problem Solving, Teamwork & Communication, Leadership & Coordination, Attention to Detail, Cross-functional Coordination
- **Language**: Native in Bahasa Indonesia; Proficiency in English