

HANIIFAH CHANTAS ARADHANA

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

Microbiology fresh graduate from Institut Teknologi Bandung with hands-on laboratory exposure through an internship at PT Bio Farma and academic research experience. Experienced in microbiological testing support, sample and media preparation, laboratory documentation, data recording, reporting, and laboratory hygiene under fast-paced operational timelines. Familiar with Good Laboratory Practice (GLP), analytical problem solving, and scientific data interpretation. Strong teamwork, communication, attention to detail, and coordination skills. Seeking an entry-level role in Microbiology, Laboratory Analysis, or QC Microbiology.

Education Level

Institut Teknologi Bandung - Bandung, Indonesia <i>Bachelor of Microbiology, 3.44/4.00</i> - 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	Aug 2021 - Jan 2026
--	---------------------

Work Experiences

Institut Teknologi Bandung - Bandung, Indonesia <i>Bioinformatics Practicum Assistant</i> - Guided and mentored 45+ students across 13 practicum modules involving scientific data interpretation and analytical problem solving. - Assisted environmental sample collection involving water, soil, and air samples across 2 research locations. - Supported sample handling and preliminary data processing to ensure accurate environmental microbiology analysis. - Processed environmental sample results into metagenomic datasets for bioinformatics analysis and interpretation. - Mentored 1 project group of 5 students in completing scientific reports and analytical assignments. - Coordinated practicum documentation and operational activities during field lecture sessions.	Sep 2024 - Jan 2025
PT Bio Farma - Bandung, Indonesia <i>Microbiology Laboratory Intern</i> - Supported microbiological testing activities across 4+ testing categories, including food safety analysis, disinfectant effectiveness testing, cosmetic safety testing, and HPV testing. - Assisted sample preparation, microbial observation, media preparation, and analytical documentation to support testing accuracy and laboratory quality standards. - Recorded and documented laboratory analysis results accurately to support reporting traceability and operational consistency. - 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. - Collaborated with laboratory analysts and researchers to complete testing procedures within fast-paced operational timelines. - Contributed to the development of 1 disinfectant effectiveness testing module to improve laboratory workflow efficiency and knowledge transfer.	Jun 2024 - Jul 2024
Institut Teknologi Bandung - Bandung, Indonesia <i>Biostatistics Practicum Assistant</i> - 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.	Sep 2023 - Nov 2023

Organizational Experience

Himpunan Mahasiswa Mikrobiologi "Archaea" ITB - Bandung, Indonesia <i>Senator</i> - Led and supervised 3 commissions consisting of 9 members to support organizational coordination and collaborative performance. - Coordinated communication and teamwork activities impacting 100+ students.	Feb 2024 - Mar 2025
International Microorganism Day at ITB 2024 <i>Head of Crowd Control Division</i> - Led 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.	Jun 2024 - Sep 2024

Skills

- **Microbiology & Laboratory:** Microbiological Testing & Analysis, Food Safety Testing, Sample Preparation, Media Preparation, Microbial Observation, Laboratory Documentation & Reporting, Laboratory Hygiene, GLP
- **Data & Tools :** Microsoft Excel, Word, PowerPoint, R Programming, Data Analysis & Interpretation, Statistical Analysis, Data Visualization
- **Core :** Analytical Thinking, Scientific Problem Solving, Attention to Detail, Teamwork & Communication, Leadership & Coordination, Cross-functional Coordination
- **Language:** Native in Bahasa Indonesia; Professional Working Proficiency in English