

# Syahadana Putra Yuzansa

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Current PhD student in Food Engineering and Biotecnology at The Free University of Bozen-Bolzano. Master's degree graduate in Food Safety and Quality Engineering from the University of Debrecen, Hungary. Bachelor's degree of Chemical Engineering from Institut Teknologi Sepuluh Nopember Surabaya, Indonesia. Experience of 2 years in the food industry. Skilled in research and development, food microbiology, and food safety.

## WORK EXPERIENCE

### **University of Debrecen, Central Laboratory of Food and Agricultural Products • 07/2023 - 06/2024**

#### **Research Student • Debrecen, Hungary**

- Conducting media preparation, determination of microcomponents, and sample preparation
- Determination of secondary metabolites from mycotoxin-producing isolates of *Aspergillus* with data obtained from GC/MS spectrum.
- Analyzing phenyl ethanol's effects on the growth of toxin-producing *Aspergillus*
- HPLC sample preparation of zearalenone toxin analysis using an immunoaffinity column

Thesis Title:

- “Esterase Activity of Various Strains of *Lactiplantibacillus* and *Loigolactobacillus* Genera for Zearalenone Degradation “

### **PT. Indramukti Segara • Full-time • 12/2020 - 07/2022**

#### **Laboratory Analyst • Sidoarjo, Indonesia**

- Formulating standards for raw material qualifying according to International and Indonesian standards
- Controlling the quality of raw materials using methods based on International and Indonesian standards (Titration, Water Content Analysis, microbiological analysis)
- Planning and conducting tests of finished products based on Indonesian standards (Shelf-Life Analysis, Quality Check)
- Cooperating with the production unit and giving recommendations on processing technologies

## EDUCATIONS

### **PhD in Food Engineering and Biotechnology**

Free University of Bozen-Bolzano  
Bolzano, Italy  
11/2024 - Present

### **Bachelors in Chemical Engineering**

Institut Teknologi Sepuluh Nopember  
Surabaya, Indonesia  
09/2016 - 09/2020

### **Masters in Food Safety and Quality Engineering**

University of Debrecen  
Debrecen, Hungary  
09/2022 - 06/2024

## CERTIFICATIONS

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- ISO 9001 Foundation - Quality Certification - PT. Decra Group Indonesia
- ISO 14001:2018 - PT. Decra Group Indonesia
- ISO 22000 Foundation - Food Safety Certification - Tekno Sains Academy, Indonesia

## SKILLS

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- Food Safety
- Food Microbiology
- Quality Assurance
- Ms. Office
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## CONFERENCES

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- XXV. MÉTE National Scientific Student Conference - “Esterase Activity of Various Strains of *Lactiplantibacillus* and *Loigolactobacillus* Genera for Zearalenone Degradation”