

## AKHILA MARTIN

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### Objective

Dedicated and enthusiastic Microbiologist seeking a position in the field of Medical microbiology and Research to work in an innovative and competitive world which will leverage my skills and knowledge and to contribute to the advancements in the field.

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### Experience

#### Microbiologist

April 2022 - May 2023

Nirmala Medical center, Muvattupuzha

- Conducted various microbiological tests and maintained laboratory equipment to ensure optimal performance.
- Perform antibiotic sensitivity tests for different microorganisms.
- Analyzed and interpreted laboratory test results.
- Maintained detailed records of test results by entering data and patient information into computer.
- Trained and supervised laboratory staff on proper laboratory techniques and protocols.

#### Trainee Microbiologist

November 2021 - February 2022

Rajagiri Hospital, Kochi

- Ran multiple tests to determine cause of infection.
- Perform cultivation of microbes using standard microbiological methods.
- Used hospital software to communicate.
- Used laboratory instruments to determine diagnosis.

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### Education

2019-2021

#### Msc in Microbiology

St. Xaviers college for women, Aluva. MG university, kottayam  
75%

2016 - 2019

#### Bsc in Microbiology

Indira Gandhi college of arts and science, Kothamangalam. MG university, Kottayam  
72%

2014 - 2016

#### Higher Secondary

Govt Higher secondary school, kunjattukara  
80%

2014

#### High school

Nirmala Higher secondary school, Aluva  
85%

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### Skills

Laboratory techniques and advanced diagnostic methods.

Medical microbiology knowledge and infection control practices

Report writing, communication and data interpretation

Quality assurance and quality control

Teamwork and collaboration

Time management, organization and record keeping

Continuous learning and professional development

Problem solving, critical thinking and analytical skills

Computer proficiency (laboratory information systems, electronic medical records)

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## Projects

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### Msc PROJECT

**"Isolation, identification and characterization of *Bacillus amyloliquifaciens* from the gut of prawns and its probiotic potential"**

Under the guidance of Dr. Santhosh, director phytocom pharmaceuticals Pvt Ltd. KINFRA, Kalamassery, Kochi.

### DEGREE PROJECT (Dec 2018-Jan 2019)

**"Optimization of production medium using an overproducing UV resistant mutant strain 60/23 of *Streptomyces fradiae* ATCC 10745"**

done under the guidance of Dr. Pradipta Tokdar at KRIBS BIONEST, KINFRA, Kalamassery, Kochi.

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## Language

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English

Malayalam

Hindi

Tamil

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## Certifications

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### Coursera certificates

'Epidemics - the Dynamics of Infectious Diseases' from Pennsylvania State University.

'Foundations of Public Health Practice: Health Protection' from Imperial College London

'Science of Exercise' from University of Colorado Boulder

'Speak English Professionally' from Georgia Institute of Technology.

'Animals, Self, and Society' from University of Colorado Boulder

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## Declaration

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I, **AKHILA MARTIN** hereby solemnly declare that the above information is true to the best the of my knowledge and belief.

Yours sincerely

Akhila Martin