



# BHUVANANI VATTIKONDA

B.Tech. - Information Technology

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Hyderabad, Telangana, India - 500016



## KEY EXPERTISE

Ethical Hacking | Content writing | Canva | C | Java | Python | PHP | HTML | MySQL | Raspberry Pi

## EDUCATION

**G. Narayanamma Institute of Technology and Science**

2019 - 2023

B.Tech. - Information Technology | CGPA: 7.53 / 10.00

**Narayana Junior College, Hyderabad**

2019

12<sup>th</sup> | TSBE | Percentage: 91.60 / 100.00

**SLATE THE SCHOOL, Hyderabad**

2017

10<sup>th</sup> | BSET | CGPA: 9.50 / 10.00

## AWARDS AND SCHOLARSHIPS

- Award for designing posters and banners for multiple college events at GNITS
- Award for Outstanding contribution to Ek Bharat Shreshtha Bharat (EBSB) club of GNITS
- Second place in National level poster making competition organized by EBSB, FIT India club of GNITS.

## INTERNSHIPS

**Institute for Development and Research in Banking Technology**

16 Aug, 2022 - 24 Jan, 2023

Project Engineer

**Key Skills:** Data Security | Network Security | Python | Object-Oriented Programming | Data Structures

I am working on a project that focuses on a secure offline m-Payment System using Certificateless Key Agreement Mechanism for Faster Access and Handover Authentication in Space Information Networks.

## PROJECTS

**MIMEO - Voice MImicking Application**

01 Aug, 2022 - 16 May, 2023

**Mentor:** Dr. L. Smitha | **Team Size:** 5

**Key Skills:** Machine Learning | Natural Language Processing | Artificial Intelligence | Python

The project aims to create a neural network-based system for text-to-speech (TTS) synthesis. It enables the application to generate audio in the voice of a desired speaker based on 10 - 15 seconds reference audio clip of that speaker. It clones the voice of the speaker and applies it over different transcripts fed to the system.

**Project management system**

10 Jun, 2022 - 13 Dec, 2022

**Mentor:** Dr. Supriya V | **Team Size:** 4

**Key Skills:** PHP | HTML | Front-End Web Development | SQL

Manages the publications of members in an institution. It enables better organization of publications, faster retrieval of publications using advanced filters.

## PUBLICATIONS / RESEARCH / WHITE PAPERS

**Nanotechnology For Sustainable Agriculture**

07 May, 2022

Agricultural Technology | Pure Earth Foundation | **No. of Authors:** 2

**Key Skills:** Data Research | Nanobiotechnology | Nanotechnology | Nanoparticles | Nanoscience | Agriculture

In the current world scenario, there has been excessive use of fertilizers, pesticides, and insecticides in agriculture. This is causing better yield but making the consumers vulnerable to illnesses. As a solution to this, I and my co-author have come up with solutions namely nano biosensors and nano fertilizers with increased crop yield as well as not harmful when used in limited quantities.

## ACHIEVEMENTS

- Third prize in Badminton event in 9th National Level Engineering College Sports Meet-Verve 20 at GNITS(6th-7th March,2020)
- Best Delegation at GNITS MUN 2021(26th-28th November, 2021)
- Second prize in Logo Design Competition as part of Silver Jubilee Celebrations in GNITS(16th Feb,2022)

- Second Prize in Paper Presentation in 4th Pure Earth Environment Conference(7th May,2022)
- Third prize in Innovate 4 Menstrual Waste Hackathon(Prelims) by GNITS in association with TSIC cell and WaterAid(24th-25th May 2022)
- First prize in workshop conducted by IEEE and W3-CS on OWASP at GNITS(21st June,2022)
- 10th place in 30th Greater Hyderabad Interschool and College Yogasana Competition(4th September, 2016)
- Sports secretary of GNITS (2019 - 2023)

## ASSESSMENTS / CERTIFICATIONS

### Java Programming by Coursera

Aggregate: 92.0 / 100.0

Key Skills: Java

### C++ for C Programmers

Aggregate: 98.0 / 100.0

Key Skills: C++

### Fun with Python by Edyst

Key Skills: Python

## SEMINARS / TRAININGS / WORKSHOPS

### IoT Based Realtime Applications using Raspberry Pi

16 Nov, 2022 - 16 Nov, 2022

Institute Name: G. Narayanamma Institute of Technology and Science

Key Skills: Python Raspberry Pi

### 2 days workshop on OWASP by W3-CS and IEEE

20 Jun, 2022 - 21 Jun, 2022

Institute Name: G. Narayanamma Institute of Technology and Science

Key Skills: Cyber-security Ethical Hacking OWASP

In this workshop, I learned about critical web application security risks, and how vulnerable websites are hacked using various methods like SQL injection, deserialization, brute force, cross-site scripting, phishing etc.

### 1 Week Workshop on Amazon Web Services

03 Apr, 2022 - 09 Apr, 2022

Institute Name: G. Narayanamma Institute of Technology and Science

Key Skills: Amazon Web Services (AWS)

## CO-CURRICULAR ACTIVITIES

- Participate in hackathons
- Researching on new technologies
- Coding
- Content writing

## EXTRA CURRICULAR ACTIVITIES

- Badminton
- Table tennis
- Throw ball
- Reading novels
- Writing poems

## PERSONAL INTERESTS / HOBBIES

- Cooking
- Traveling
- Resin arts
- Journaling

## PERSONAL DETAILS

Gender: Female

Date of Birth: 14 Apr, 2001

Marital Status: Single

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