

# Bhoomika Singh

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## EDUCATION

### **GALGOTIAS COLLEGE OF ENGINEERING AND TECHNOLOGY**

FINAL-YEAR, B.TECH IN COMPUTER SCIENCE WITH SPECIALIZATION IN AI  
Nov 2020 - May 2024  
CGPA:8.08

## CODING PROFILES

Leetcode: bhumithakur  
Coding Ninjas: bhumithakur

## COURSEWORK

Computer Networking  
Software Development  
Machine Learning  
Data Structures and Algorithms  
Web technologies

## SKILLS

### **PROGRAMMING LANGUAGES :**

C/C++ • Python • Java • JavaScript • HTML/CSS

### **FRAMEWORKS :**

React • Bootstrap • Nodejs • AJAX

### **DATABASE :**

MongoDB • MySQL • Firebase

### **TOOLS AND TECHNIQUES :**

Git • software systems • Web Services • REST APIs • SOA • HTTP

### **SOFT SKILLS AND LANGUAGES :**

Leadership • Communication • English

## AWARDS

- Ranked 7 out of 15K+ participants in weekly coding contest 40 by Coding Ninjas.
- Runner-up in Virtusa Engineering Equity Hackathon 2023 shortlisted among the top 100 out of 58K+ participants.
- Selected under the top 2.5 percent participants in Google Girl Hackathon 2023 by Google
- Ranked 786th among 5K+ participants in Google Codejam to I/O for women.
- Winner of Smart India Hackathon 2022.
- Finalist in UNESCO India Africa hackathon 2022 shortlisted among the top 220 students of India.
- Harvard WECODE Scholar'22: Selected for Annual WIT Conference by Harvard University.

## EXPERIENCE

### **MICROSOFT | MICROSOFT ENGAGE INTERN '22**

May 2022 - June 2022

- Achieved selection in the top 700 out of 30,000+ participants after the rigorous three-round selection process.
- Developed a recommendation system website under the guidance of a Microsoft engineer, implementing search and sort algorithms.
- Demonstrated proficiency in problem-solving, technical skills, and effective collaboration throughout the project.

### **THE CODIVAS | FOUNDER | [PAGE](#)**

Nov 2021 - Present

- Empowered 150+ women in tech through personalized mentorship and guidance, resulting in successful placements in renowned companies.
- Organized highly engaging sessions focused on Data Structures and Algorithms (DSA) and opportunities in the tech industry, fostering community growth and knowledge-sharing.
- Demonstrated strong mentoring and organizational skills, effectively supporting women in their tech careers and creating a supportive community environment.

## PROJECTS

### **B-CARE | [GITHUB](#)**

Mar 2023 - May 2023

- Developed an AI/ML-powered tool to analyze breast histopathological images and provide accurate results based on prediction type during Netapp Innovation Challenge 2023.
- Leveraged AR technologies and AI to offer surgery suggestions, enhancing medical decision-making.
- Tech-Stack: ReactJS, Tensorflow, AR Spark, Blender

### **BASCI DOL.AI | [GITHUB](#)**

Nov 2022 - Nov 2022

- Created a Web Application to diagnose Acid-Base Disorders (positive and anion gap) in COPD patients during UNESCO India-Africa Hackathon 2022.
- Played a key role as a machine learning developer, determining COPD inclination among patients.
- Tech-Stack: React, MYSQL, Django, Machine Learning, and Blockchain.

### **WASTE BRIDGE | [GITHUB](#)**

Aug 2022 - Aug 2022

- Developed an Android Application for tracking and optimizing food wastage during the Smart India Hackathon 2022.
- Utilized machine learning techniques to predict the fill level of each container based on previous data.
- Tech-Stack: Flutter, MYSQL, NodeJS, Machine Learning, and IoT