

# Mayukha Mohan Thatikonda

+91 8688576574    [mayukhacsm@gmail.com](mailto:mayukhacsm@gmail.com)    [LinkedIn](#)    [GitHub](#)    [LeetCode](#)

## Education

### Chaitanya Bharathi Institute of Technology

Nov 2021 - May 2025

Bachelor of Engineering (GPA: 9.07 / 10)

Hyderabad, Telangana

- **Relevant Coursework:** Data Structures and Algorithms (Java), Prob & Stat in CS (Python), Operating Systems, Machine Learning, Data Analysis, SQL, HTML, CSS, JavaScript, MERN, NumPy, Pandas

## Experience

### ServiceNow

June 2024 – Aug 2024

Associate Software Quality Assurance Engineer Intern

Hyderabad, Telangana

- Maintained existing automation test frameworks, Collected and reported quality metrics from test execution.
- Worked with developers in an Agile environment to design specific testing strategies for features being developed and automated them, and, Supported engineering organizations in troubleshooting and addressing issues with applications and developer/test environments.

## Projects

### Exploratory Data Analysis on an E-Commerce site | Python, NumPy, Pandas, Plotly, Seaborn, Matplotlib

- Employed web scraping to extract real-time data from an e-commerce site. Processed data using Numpy and Pandas to visualize data.

### Criminal Detection Using Face Recognition in Python | Python, Tkinter, Face Recognition, CSV

- Designed a Python GUI app using Tkinter for face detection in videos. Implemented features to determine frame numbers with over 50% accuracy and calculate the identified person's duration in the video.

### Diabetes Prediction using Machine Learning | Python, Numpy, Pandas, Sci-Kit Learn, Streamlit

- Created a web app to predict diabetes in women using machine learning. Used health attributes and scikit-learn, pandas, NumPy libraries. Achieved 92.5% accuracy with the RandomForestClassifier model. Deployed the app via Streamlit.

### Outfit Prediction Using Machine Learning | Python, Selenium, CNN, NumPy, Pandas, TensorFlow

- Built a web application to determine outfit ratings and pricing through image inputs. Acquired training data from an E-commerce site using Selenium. Utilized a CNN model. Successfully deployed the application on AWS.

### Restaurant Analysis and Menu Planning | R, Data Analysis

- Analyzed restaurants data to optimize menu planning and operations. Utilized R for statistical analysis and data visualization, including predictive modeling and interactive plots.

## Technical Skills

**Languages:** Java, Python, JavaScript, R, C/C++

**Frameworks/Libraries:** React.js, Express.js, Flask, Django, TensorFlow, PyTorch, JUnit, Selenium, Git, Bootstrap, Node.js, NumPy, Pandas, Matplotlib

**Databases/Tools:** MySQL, MongoDB

**Concepts:** Operating Systems, Computer Networks, Data Structures and Algorithms, Artificial Intelligence, Machine Learning, Deep Learning, Data Analysis and Visualization, Software Engineering

## Certifications and Achievements

**Python Certifications:** Python for Everyone (University of Michigan, Coursera)

**AI For Everyone:** AI for Everyone (Deep Learning.AI, Coursera).

**Full Stack Development** (Udemy).

**Competitive Programming:** HackerRank 5-star, LeetCode Rating: 1817

**Hackathons:** J.P. Morgan Chase Code For Good Hackathon 2024, Flipr Web Development Hackathon, TechGig ML Hackathon, Google Girl Hackathon

**Google Cloud Computing Certification**