

# Biswajit Mahapatra

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## EDUCATION

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| <ul style="list-style-type: none"><li>• <b>B-Tech in Computer Science and Engineering</b> (spec. AI &amp; ML)<br/>GITA Autonomous College, Bhubaneswar<br/>2022 – Present (exp. 2026)</li></ul> | <b>8.32</b> (till 4 <sup>th</sup> sem) |
| <ul style="list-style-type: none"><li>• <b>Higher Secondary Education</b> (+2 Science)<br/>College of Basic Science &amp; Humanities, Bhubaneswar<br/>2020 – 2022</li></ul>                     | <b>77 %</b>                            |
| <ul style="list-style-type: none"><li>• <b>Secondary Education</b><br/>CEMS, Khordha</li></ul>  | <b>89 %</b>                            |

## PROFILE SUMMARY

A motivated undergraduate student pursuing a Bachelor of Technology in Computer Science & Engineering, seeking an internship opportunity to apply programming skills and gain hands-on experience in software development.

Targeting **Python Developer** roles with an organization of high repute with a scope of improving knowledge and further career growth.

- Other enhanced skills in **UI/UX** design (FIGMA) and **Web Development**.
- Demonstrated ability to manage and deliver projects **efficiently**, from initial planning and design to final deployment and maintenance.
- Committed to **staying updated** with the **latest industry** trends and technologies, continuously enhancing skills to provide innovative solutions.

## PROJECTS

### JARVIS AI

**Tools: Python, GUI, Web & API interaction, System & OS interaction, ML & Natural Language Processing, Web Automation**

This project is a voice-activated personal assistant named Jarvis, designed to perform various tasks using speech recognition and text-to-speech capabilities. It leverages several Python libraries and modules to offer a wide range of functionalities. The assistant can also interact with the user through a graphical user interface (GUI) built with PyQt5.

#### Responsibilities:

- Developed the GUI using PyQt5, creating a visually appealing and intuitive user interface.
- Implemented speech recognition, text-to-speech, for having voice interaction with the application.
- Managed the task automation and user assistance using various Python libraries.
- Utilized Multithreading to ensure the assistant remains responsive and handle errors gracefully while performing tasks.

### Paint Program using OpenCV & Python Libraries

**Tools: React, API Integration**

A sleek and intuitive web application allowing users to easily convert amounts between different currencies, leveraging real-time exchange rates.

#### Responsibilities:

- Developed the front-end using React, ensuring a responsive design that works seamlessly across desktops, tablets, and mobile devices.
- Implemented real-time exchange rate fetching using an external API for accurate currency conversions.
- Added swap functionality to quickly interchange source and target currencies.

- Supported multiple global currencies to cater to a diverse user base.

### **UBER Landing Page**

#### **Tools: FIGMA**

A fully designed landing page of UBER website

#### **Responsibilities:**

- Used elements of FIGMA
- Minimal Wireframing skills

### **CERTIFICATION**

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- Earned a certification in **Web Development** and **Python Development**, demonstrating proficiency in web technologies and Python programming and project management.

### **SKILLS**

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**Programming:** Python, HTML/CSS, SQL, FIGMA, Web Development & Hosting

**Tools:** Git, VSCode