

# Biswajit Mahapatra

Phone: +91-8917210456  
Email: [021biswajit@gmail.com](mailto:021biswajit@gmail.com)

LinkedIn: [biswajit-mahapatra](#)  
GitHub: [itz-biswajit021](#)

## EDUCATION

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- **B-Tech in Computer Science and Engineering** (spec. AI & ML) **8.32** (till 4<sup>th</sup> Sem)  
GITA Autonomous College, Bhubaneswar  
2022 – Present (exp. 2026)
- **Higher Secondary Education** (+2 Science) **77 %**  
College of Basic Science & Humanities, Bhubaneswar  
2020 – 2022
- **Secondary Education** **89 %**  
CEMS, Khordha

## PROFILE SUMMARY

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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**.
- Proficient skills in website building in **REACT** and its components.
- 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

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### JARVIS AI

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

**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

**Responsibilities:**

- Developed a responsive front-end using React for seamless cross-device compatibility.
- Integrated an external API for real-time exchange rate fetching and currency conversion.

### UBER Landing Page

**Tools:** FIGMA

**Responsibilities:**

- Used elements of FIGMA
- Minimal Wireframing skills

## **PORTFOLIO**

**Tools:** React, JavaScript, HTML, CSS, Framer

**Responsibilities:**

- Designed and built a responsive portfolio website.
- Integrated Framer for minimal motion graphics and smooth UI interactions.

## **EXTRA CURRICULAR & CERTIFICATION**

- Earned certifications in **Web Development** and **Python Development**, demonstrating proficiency in web technologies and Python programming and project management.
- **Tata Data Visualization: Empowering Business with Effective Insights Job Simulation on Forage - January 2025**
  - Completed a simulation involving creating data visualizations for Tata Consultancy Services
  - Prepared questions for a meeting with client senior leadership
  - Created visuals for data analysis to help executives with effective decision making
- **AIG Shields Up: Cybersecurity virtual experience program on Forage - February 2025**
  - Completed a cybersecurity threat analysis simulation for the Cyber Defence Unit, staying updated on CISA publications.
  - Researched and understood reported vulnerabilities, showcasing analytical skills in cybersecurity.
  - Drafted a clear and concise email to guide teams on vulnerability remediation.
  - Utilized Python skills to write a script for ethical hacking, avoiding ransom payments by brute forcing decryption keys.

## **SKILLS**

### **Programming & Development:**

- Python, HTML/CSS, SQL, React
- Web Development & Hosting
- Software Development
- Figma, Canvas (UI/UX Design)

### **Tools & Software:**

- Git, VSCode, Tableau

### **Cybersecurity & Security Engineering:**

- Cybersecurity, Security Engineering, Security Advisory
- Vulnerability Triage, Solution Architecture

### **Data & Analytics:**

- Data Analysis, Data Visualization, Data Interpretation
- Charts & Graphs, Dashboards, Analytics & Insights
- Data Cleanup

### **Soft Skills:**

- Effective Communication, Analysis & Presentation
- Problem Solving, Strategy, Design Thinking
- Research