AYAN BISWAS

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PROFESSIONAL SUMMARY

Recent B.Tech graduate in Information Technology with hands-on project experience in Python programming, AI/ML tools, and automation. Adaptable and detail-oriented, with a strong interest in data annotation, image labeling, and AI-adjacent roles. Proficient in Python, AI image processing tools, and Microsoft Office, with a proven ability to independently design and deliver functional software projects.

EDUCATION

Bachelor of Technology (B.Tech), Information Technology 2019 - 2023
JIS College of Engineering | CGPA: 8.21

Higher Secondary Education (H.S.) 2016 - 2018
Sindrani Sabitri High School | Score: 76%

Secondary Education 2010 - 2016
Sindrani Sabitri High School | Score: 82.42%

SKILLS

- Python Programming Language
- HTML
- Microsoft Office Tools
- ChatGPT and AI Tools
- AI Image Processing Tools: Leonardo AI, Midjourney AI, Playground AI
- Adobe Lightroom, AI Art

CERTIFICATIONS

- EduSkills AI/ML Virtual Internship
- Programming Essentials in Python
- Cisco Networking Essentials

PROJECTS

DIY Security Camera Using Python
Technology Used: Python, OpenCV

- Converted a spare webcam or laptop camera into a functional, low-cost security camera.
- Built motion detection that triggers an alarm sound when unwanted movement is detected.
- Enabled user-configurable object size detection to distinguish humans, dogs, and cats.

Desktop Reminder App
Technology Used: Python, Plyer, Pillow, Tkinter

- Designed a GUI-based reminder app allowing users to set a custom title, message, and timer.
- Implemented pop-up notifications delivered at the user-specified time.
- Eliminated the need for users to edit code to configure reminders.

Website to QR Code Maker
Technology Used: Python, qrcode, Pillow, Tkinter

- Built a tool that generates a clean, functional QR code from any pasted website URL.
- Designed a simple GUI for smooth user interaction.
- Added functionality for users to download and save the QR code image in PNG format.

ADDITIONAL INFORMATION

Languages: Bengali (Native), English, Hindi
Hobbies: Playing Guitar, Movies, Video Games