SWATADRU PAUL

[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

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TECHNICAL SKILLS

- **Language:** Python, C, JAVA, SQL, HTML/CSS, JavaScript
- **Frameworks:** TensorFlow, PyTorch, OpenCV, Scikit-Learn, Pandas, NumPy, Matplotlib
- **Tools/Platform:** Excel, PowerPoint, MySQL, Jupyter Notebook, Visual Studio Code, Git, GitHub
- **Concepts:** OOP, Data Structures & Algorithms, REST APIs, Agile Development
- **Soft Skills:** Communication, Problem-Solving, Teamwork, Adaptability, Time Management

EDUCATION

University of Engineering & Management, Kolkata   2023-2027
- Bachelor of Computer Science and Engineering • CGPA: 8.2/10

Khalsa Model Senior Secondary School, Kolkata
- Secondary (CBSE) **|** Aggregate: 89.2%   2021
- Higher Secondary (CBSE) **|** Aggregate: 72.5%   2021-2023

WORK EXPERIENCE

1. **Python Development Intern | CodSoft | Feb 2024 – Mar 2024| [Link](#)**
   - Developed Python scripts to automate tasks, reducing manual work by 60%
   - Applied object-oriented programming and modular design for scalable code
2. **Internshala Student Partner (ISP) | Internshala | April 2025 – June 2025**
   - Promoted Internsala's offerings on campus, leading to 30% increase in student engagement
   - Executed digital marketing campaigns, utilizing social media platforms to enhance course enrollments

PROJECTS

1. **Exam Seating Arrangement Website | HTML, CSS, JavaScript, PHP, MySQL, Git | [Link](#)**
   - Developed a responsive web app to automate and manage exam seating logistics
   - Integrated dynamic dashboards for students, teachers and administrators
   - Ensured code versioning and team collaboration through Git and GitHub
2. **Ambulance Service Application | Java, XML, Firebase, Google Maps API | [Link](#)**
   - Built an Android app enabling real-time ambulance booking with GPS-based tracking
   - Integrated Firebase for secure user authentication and cloud storage
   - Applied modular coding practices and built an intuitive User Interface
3. **Movie Recommendation System | Python, Pandas, Scikit-Learn, Streamlit | [Link](#)**
   - Built a ML model to recommend movies using content-based filtering
   - Utilized Pandas and Scikit-Learn for data preprocessing, feature engineering and similarity scoring
   - Developed a responsive User Interface using Streamlit for real-time recommendations

CERTIFICATES

- **Python Certificate**: HackerRank
- **AI-ML Course**: MSME (Govt. of India)
- **Coursera:** Java OOP, Cybersecurity Basics & Practices

LEADERSHIP & VOLUNTEERING

1. **Ureckon Tech Fest Volunteer | UEM Kolkata | 2024**
   - Coordinated technical workshops, managed logistics, and supported over 200 participants during the event

ADDITIONAL INFORMATION

1. Contributor to GitHub open-source projects
2. Open to remote/onsite SDE internships
3. Strong interest in backend systems and clean software architecture