**Pushkarjay Ajay**  
📞 **+91-8210164935** **✉️** [**pushkarjay.ajay1@gmail.com**](mailto:pushkarjay.ajay1@gmail.com) 🔗 [linkedin.com/in/Pushkarjay](https://linkedin.com/in/Pushkarjay) 💻 [github.com/Pushkarjay](https://github.com/Pushkarjay) 🌐 [pushkarjay.github.io/Portfolio/](https://pushkarjay.github.io/Portfolio/)

**Summary** .   
Dedicated Computer Science student with strong programming, problem-solving, and analytical skills. Proficient in Python, AI/ML tools, and cybersecurity. Experienced in video processing, project management, and web development. Passionate about innovative solutions in web applications, machine learning, and data science. Seeking opportunities to contribute to impactful projects.

**Education** .

|  |  |
| --- | --- |
| **KIIT University, Bhubaneswar** *B.Tech in Computer Science & Engineering* | 2022 – 2026 *CGPA: 7.22* |
| **Sri Chaitanya Junior College, Hyderabad** *Intermediate (12th Grade)* | 2022 *Marks: 93.5%* |
| **Sri Chaitanya School, Hyderabad** *High School (10th Grade)* | 2020 *CGPA: 10.0* |

**Work Experience .**

|  |  |  |
| --- | --- | --- |
| **SURE Trust (Remote)** | ***Data Science Intern,*** | **May 2025 – Present** |
| -Enrolled in AICTE-certified 6-month internship focused on Data Science.  -Trained in SQL, Power BI, Excel, MySQL, Python, and Data Analytics.  -Completed live sessions, assignments, and real-world projects. | | |
| **CHESS, DRDO (Hyderabad)** | ***Video/Image Processing Intern,*** | **Dec 2024 – Jan 2025** |
| -Developed image preprocessing frameworks using OpenCV, NumPy, and Pillow.  -Automated video analytics for efficient data extraction. | | |
| **Aican Automate (via Teachnook)** | ***AI/ML Intern,*** | **Nov 2022 – Dec 2022** |
| -Built machine learning models and predictive automation solutions. | | |

**Projects** .

|  |  |  |
| --- | --- | --- |
| **HMart – E-commerce Platform** |  | [**live**](https://hmart-nog2.onrender.com/) **Full-stack Developer** |
| -Developed full-stack platform with product management and authentication.  -Implemented search, filter, cart, and responsive UI. | | JavaScript, HTML, CSS, PostgreSQL  [**Source Code**](https://github.com/Pushkarjay/HMart.git) |
| **Flipclock – Interactive Timer** |  | **Python Developer** |
| -Created flip-style countdown/stopwatch with themes and world clock. | | Python, Tkinter  [**Source Code**](https://github.com/Pushkarjay/HMart.git) |
| **VGG16 vs ResNet50 on CIFAR-10** |  | **Machine Learning** |
| -Evaluated deep learning models for accuracy and efficiency. | | Python, TensorFlow, Computer Vision  [**Source Code**](https://github.com/Pushkarjay/HMart.git) |
| **Exoplanet Detection Using AI** |  | **Artificial Intelligence** |
| -Used NASA Kepler data and Random Forest to identify exoplanets. | | Python, Machine Learning  [**Source Code**](https://github.com/Pushkarjay/HMart.git) |
| **Python Countdown Timer** |  | **Python Developer** |
| -Developed GUI timer with custom alerts and reset. | | Python, Tkinter  [**Source Code**](https://github.com/Pushkarjay/HMart.git) |

**Skills** .

**Technical Skills**

|  |  |
| --- | --- |
| AI/ML: | Artificial Intelligence, Machine Learning, Generative AI |
| Web Development: | HTML, CSS, JavaScript, React, Node.js, Express, Bootstrap, API |
| Data Analytics/Science: | Excel, MySQL, PostgreSQL, Tableau |
| Cybersecurity: | CCNA |
| Software Development: | Python, C, Java, SQL |
| Python Libraries: | NumPy, Pandas, Matplotlib, TensorFlow, OpenCV, BrowserUse, Tkinter, Pillow |
| Miscellaneous: | Git, Kaggle, OOPs, DSA, Cloud Computing |
| Tools & Technologies: | Windows, Linux, Microsoft Office Suite, GitHub, VS Code, AWS, Azure |

**Soft Skills**

|  |  |
| --- | --- |
| Interpersonal: | Interpersonal Communication, Teamwork, Problem Solving, Critical Thinking |
| Professional: | Strategic Thinking, Organization, In-depth Analysis, Ethics in Decision-Making |
| Management: | Project Management, Risk Management, Social Entrepreneurship, Decision-Making |
| Languages: | English, Hindi, Telugu |

**Certifications**  **.**

|  |  |
| --- | --- |
| CCNA 1,2,3 | Cisco |
| Introduction to Cybersecurity | Cisco |
| Python Essentials | Cisco |
| Artificial Intelligence | AICAN Pvt Ltd & Wissenaire, IIT Bhubaneswar |

**Hobbies .**

Chess, Badminton, Traveling