

ROHIT KUMAR

Computer Science Undergraduate | Aspiring Full Stack Developer | AI Robotics Enthusiast

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EDUCATION

Jagannath University Bachelor of technology - Computer Science Engineering (Core) - CGPA - 6.7	(2022 - Present) Jaipur, Rajasthan
Jeewan Public School Senior Secondary (Class 12) [CBSE] - Percentage - 66.6	(2020 - 2022) Motihari, Bihar
St Michael's Academy Secondary (Class 10) [CBSE] - Percentage - 71	(2009 - 2020) Bettiah, Bihar

COURSEWORK

- Data Structure & Algorithm
- Machine Learning
- Web Development
- OOPs Concepts
- Database Management System
- Cloud & DevOps
- Artificial Intelligence
- Operating System

PROJECTS

- Full-Stack Portfolio Website** | Python, Flask, Docker, AWS, Nginx, Gunicorn, SQLAlchemy, Git, GitHub | [View on GitHub](#)
- **Architected** a scalable backend using **Flask** and Blueprints to support modular, independent web application projects.
 - **Containerized** the application with **Docker** for consistent development and production environments.
 - **Deployed** to **AWS EC2**, using **Gunicorn** as a **WSGI** server and **Nginx** as a reverse proxy.
 - **Managed** version control and CI/CD workflows using **Git** and **GitHub**.
 - **Developing** database integration with **SQLAlchemy** to manage dynamic site content.

INTERNSHIP

- Pantech Prolab India Pvt Ltd** (Sep 2025 - Present)
Embedded AI & Robotics Virtual Intern Online
- Participated in a certified virtual internship on **"Embedded AI + Raspberry Pi + AI for Robotics,"** gaining hands-on experience in AI/ML integration, hardware control, and real-time robotic automation through guided projects.

SKILLS

- **Languages:** Python, C, C++, HTML, CSS, SQL, JavaScript (Basics)
- **Developer Tools:** VS Code, Jupyter Notebook, Git, GitHub, Docker, Google Colab, Wokwi Simulator
- **Technologies/Frameworks:** Flask, MySQL, AWS (Basics), CI/CD (Familiar), Machine Learning (Scikit-learn, Pandas, NumPy, Matplotlib), Embedded Systems (Raspberry Pi, Sensor Integration, Hardware-Software Interfacing)
- **Professional Skills:** Problem Solving, Analytical Thinking, Teamwork, Adaptability

CERTIFICATIONS

- Python Essentials 1 - Cisco
- Cybersecurity Essentials - Cisco
- Masterclass on Jetson AI - Pantech E-learning
- Networking Essentials - Cisco
- 160 Days of Problem Solving - GeeksforGeeks

ACTIVITIES

- Workshops or Bootcamps** (Dec 2024)
Attended 21 Days Master Class on Jetson AI Online
- Clubs or Societies** (2022 - Present)
Active Member of Coding Club at Jagannath University Online