Abhyudaya

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EDUCATION

PW Institute of Innovation Bengaluru, Karnataka
Program in Computer Science and Artificial Intelligence *Oct 2023 – Oct 2027*
- Relevant Coursework: Machine Learning, Deep Learning, Probability and Applied Statistics, Data Structures and Algorithms, Data Analytics, Web Development, Operating Systems, and Computer Networks

Indian Institute of Technology Guwahati Guwahati, Assam
Bachelor Of Science in Data Science and Artificial Intelligence *Oct 2023 – Oct 2027*
- Relevant Coursework: Data Structure, Database Management System, Linear Algebra, Optimization, Statistics, Java Programming, AI basics

WORK EXPERIENCE

Sports Club President Dec 2024 - Present
PW IOI
- Led the PW IOI football team to 3rd place and guided the chess team to 1st and 3rd place at the prestigious Karnataka Youth Sports Festival (KYSE) against top college teams.

Coding Club Member Jan 2025 - Present
PW IOI
- Leading development projects and hosting biweekly coding contests to strengthen problem-solving abilities among individuals and teams, fostering readiness for future hackathons.

SKILLS

- **Programming Languages and tools**: Python, Core Java, C/C++, Javascript, Git and Github

- **Data Analytics**: Excel, NumPy, Pandas, Matplotlib, Seaborn, Power BI

- **Tools and Frameworks**: Postman,Git and Github, Express.js, Bootstrap, Canva, Notion, Figma

- **Soft Skills**: Strong research and analytical skills, excellent written and verbal communication, self-motivated and proactive, ability to work independently and collaboratively

ACHIEVEMENTS

- Secured**3rd place in the Vishwas Divas Ideathon at PW IOI** for pitching an AI assistant that streamlines tasks, eliminates unnecessary choices, and delivers future-focused solutions.

- **Top 8 teams in a 24-hour PW IOI hackathon**for developing a B2C platform for authentic Indian handicrafts.

PROJECTS

Sonic Game Runner – Built with Kaplay.js | *Personal Project*
- Developed a **Sonic-inspired infinite runner** using Kaplay.js with sprite animations, parallax scrolling, and obstacle handling.
- Optimized **game physics, collision detection, and level design** for a smooth gameplay experience.

Full Stack AI-Powered Web App | *Personal Project*
- Developed an **AI chat application** using the ChatGPT API, Google's BERT, and DeepSeek R1, enabling intelligent conversations.
- Implemented **MERN stack** for full-stack development with MongoDB integration and backend setup.
- Integrated Hugging Face models to enhance AI capabilities.

3D Animated Website – HTML, CSS, JavaScript | *Personal Project*
- Built a **3D animated website** with scrolling effects using the Canvas API, inspired by Magma Awwwards design.

- **Technologies:** HTML, CSS, JavaScript.