

Purna Ajay Gadde

Portfolio: PurnaAjay.com
GitHub: Purna Ajay@GitHud.com
Linked in: Purna Ajay@LinkedIn.com

Email: poornapoorna39@gmail.com
Mobile: +91-9133159867

EDUCATION

- **Krishna University College of Engineering and Technology**
Bachelor of Technology - Computer Science and Engineering; GPA: 8.53

Machilipatnam, India
2022 - 2026

EXPERIENCE

Backend Development Internship

- **Blue Cloud Softech Solutions Ltd.**
 - Completed a 2-month internship as a Backend Developer for a cyber security application.
 - Worked on a real-time project named **BluhwakScan.com**, contributing to backend architecture and functionality.
 - Gained hands-on experience in **Python** and **Django**, focusing on building secure and efficient backend systems.
 - Utilized **Postman** for testing and validating RESTful APIs to ensure reliable and efficient backend performance.
 - Collaborated with the Cyber Security Team under the guidance of Mr. B. Vinod Kumar, demonstrating strong problem-solving and technical skills.

AI Development Internship

- **TechSaksham – Edunet Foundation (Microsoft & SAP Initiative)**
 - Completed an internship on **AI: Transformative Learning with TechSaksham**, a CSR initiative by **Microsoft** and **SAP**, implemented by the **Edunet Foundation**.
 - Gained foundational knowledge in **Artificial Intelligence** and its applications in real-world problem-solving.
 - Participated in hands-on learning sessions focused on emerging technologies and responsible AI practices.
 - Strengthened understanding of ethical AI, data handling, and intelligent systems through project-based learning.

Full Stack Development Internship

- **Blackbuck Engineers Pvt. Ltd. – APSCHE Initiative**
 - Successfully completed a **240-hour long-term internship** on **Full Stack Development**, organized by **Blackbuck Engineers** in collaboration with the **Andhra Pradesh State Council of Higher Education (APSCHE)**.
 - Gained practical knowledge in both frontend and backend technologies for building complete web applications.
 - Worked on real-time coding tasks and full-stack project modules to strengthen development and deployment skills.
 - Improved proficiency in modern development tools, frameworks, and industry best practices.

PROJECTS

• AI-Powered Resume Screening and Ranking System (Python | AI | NLP)

Built an AI-based system to automatically analyze and rank resumes based on job requirements. Used **Python**, **NLP**, and **Machine Learning** to reduce manual screening and improve hiring efficiency. Developed as part of the **AICTE TechSaksham Internship** by **Microsoft** and **SAP**.

• StreamSnatcher – Video & Audio Downloader Web App (Python | Django | React | Vite | Tailwind CSS)

Developed a full-stack web app to download videos and audio from YouTube, Instagram, Facebook, and X (Twitter). Built with Django for backend processing and React + Vite + Tailwind CSS for a responsive UI, featuring real-time progress, dark/light mode, media previews, and error handling.

• Abhaya - Public Safety Portal (HTML | CSS | JavaScript | XAMPP | SQL | Twilio)

Developed a **public safety website** aimed at providing emergency contact services and alerts to users. Utilized **HTML**, **CSS**, and **JavaScript** for front-end development and **XAMPP** and **SQL** for back-end management. Integrated **Twilio** to send real-time safety alerts via SMS to users.

• Resale X - Student Marketplace (HTML | CSS | JavaScript | XAMPP | SQL)

Designed and developed **Deal Zone**, a marketplace for students to buy and sell items such as textbooks and other student-related materials. Used **HTML**, **CSS**, and **JavaScript** for front-end development, and **XAMPP** and **SQL** for managing listings, transactions, and user profiles.

SKILLS SUMMARY

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|----------------------|---|
| • Languages | Python, JavaScript, SQL, PHP, HTML, CSS, JAVA |
| • Tools | GIT, GitHub, MySQL, Xampp, Postman |
| • Framework | React js, tailwind CSS, Django |
| • Platforms | Web, Windows, Netlify, PyCharm, Jupiter Notebook, Visual Studio Code, notepad++ |
| • Soft Skills | Leadership, Event Management, Public Speaking, Time Management |

ACHIEVEMENTS & CERTIFICATIONS

- **Project Idea Expo:** Secured 2nd place at VR Siddhartha College, Vijayawada.
- **Published research paper titled "BE-Abhaya":** A Next Gen Safety Application for Emergency Response and Risk Mitigation" in HBRP Journal (Vol. 08, Issue 02, 2025).
- **Published research paper titled "Resalex: Where Deals Meets with Needs"** in HBRP Journal – Advancement of Computer Technology and its Applications (Vol. 09, Issue 01, 2026).
- **Certificate in Communication Skills:** Issued by APSSDC, 8th Feb 2024 - 7th Mar 2024.
- **Certificate in Aptitude:** Issued by APSSDC, 5th Feb 2024 - 19th Feb 2024.
- **Blackbucks' internship:** Completed **AI & ML** and **Full Stack Development** internships organized by **Blackbuck Engineers**, in association with the **Andhra Pradesh State Council of Higher Education (APSCHE)**.