

ABHINAV RAYABARAPU

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PROFESSIONAL SUMMARY :

Computer Science graduate with strong fundamentals in Python, Java and object-oriented programming. Skilled in building web applications using Django and working with databases through ORM. Eager to apply technical knowledge in a real-world software development environment and continuously improve as a developer.

SKILLS :

- **Programming Languages :** Python, Java, C
- **Frameworks & Libraries :** Django
- **Databases & Storage :** MySQL, SQLite
- **Cloud & DevOps :** Docker, Jenkins, IBM Cloud, AWS(Basic)
- **Data Visualization & Tools :** Power BI, Git, GitHub
- **Soft Skills :** Problem Solving, Teamwork, Innovation, Communication

PROJECTS :

➤ URL Shortener Web Application

Tech Stack: Python, Django, SQLite, HTML, CSS

- Designed and developed a full-stack web application to convert long URLs into short, shareable links
- Implemented random unique identifier generation with collision handling logic
- Integrated dynamic URL routing for real-time redirection functionality
- Structured MVC-based architecture using Django models, views, and templates

➤ Laptop Brand Performance Dashboard | **Tech Stack:** Power BI

- Built interactive dashboard analyzing 5000+ laptop records, identifying 20% pricing variance across brands
- Cleaned and transformed data using Power Query
- Derived insights on brand distribution, OS usage, and storage type

INTERNSHIPS :

✓ AI & Cloud Intern | EDUNET Foundation

April 2025 – May 2025 | July 2025 – August 2025

- Worked on AI and cloud-based workflows using Python and IBM Cloud platforms
- Implemented machine learning concepts and model logic for real-world use cases
- Assisted in deploying and testing AI components in a cloud environment
- Collaborated on structured problem-solving tasks following industry workflows

✓ Python & Web Development Intern | VaultofCodes

July 2025 – August 2025 | Oct 2025 – Nov 2025

- Developed Python programs for problem-solving and automation tasks.
- Built responsive web pages using HTML and CSS and followed clean coding practices
- Developed responsive web pages and practiced front-end layouts

EDUCATION :

Bachelor of Technology (B. Tech) – Computer Science and Engineering

Trinity College of Engineering and Technology

Expected Graduation: **2026**

CERTIFICATES :

- Database Programming with SQL – Oracle Academy (Apr 2024)
- Machine Learning & Deep Learning – CSI Organization (Mar 2025)
- March 2025, Python 101 for Data Science A course on cognitiveclass.ai Powered by IBM Developer Skills Network. Issued by Cognitive Class
- March 2025, NSDC Through Skill India Digital Hub, Python Programming
- November 2024, TASK Organization, Front End Development HTML5, CSS3

ADDITIONAL INFORMATION :

- ***Languages*** : English, Telugu
- ***Interests*** : Web Development, Full Stack Development, DevOps, Cloud Computing