N H Padma Priya

AI Development | Data Analytics | Backend Engineering | Full-Stack Development | Machine Learning| Automation

Phone: +91 9632675717
Email: nh.padmapriyaa@gmail.com
GitHub: github.com/PadmaPriyaNH
LinkedIn: linkedin.com/in/nh-padmapriya
Portfolio: nhpadmapriya.netlify.app

PROFESSIONAL SUMMARY

Results-driven Python Developer specializing in AI automation, machine learning, backend engineering, and data visualization. Experienced in designing and deploying Flask-based APIs, NLP Chabots and data-driven dashboards using Python, SQL, Pandas and Power BI. Adept at transforming complex data into actionable insights and building scalable, human centered applications that optimize performance and efficiency. Eager to contribute to a forward-thinking team focused on data-driven innovation, clean code practices, and impactful AI systems.

EDUCATION

Bachelor of Computer Applications (BCA)
Maharani Cluster University, Bangalore
Graduated: July 2025 | **CGPA: 9.43/10**

TECHNICAL SKILLS

- **Programming:** Python, SQL, JavaScript (ES6+), HTML5, CSS3
- **Frameworks & Libraries:** Flask, React.js (learning), Scikit-learn, spaCy, Cohere AI, Power BI
- **Data Analytics:** Pandas, NumPy, EDA, Feature Engineering, Data Visualization
- **Web Development:** REST APIs, Flask, Axios, Postman, Telegram Bot API, Chart.js
- **DevOps & Tools:** Docker, Git, GitHub Actions, CI/CD, Render, Heroku, VS Code, PyCharm
- **Methodologies:** Agile / Scrum, Modular Architecture, Responsive Design

CERTIFICATIONS

- Python for Data Science, AI & Development — **IBM via Coursera | 2025**
- Introduction to Artificial Intelligence (AI) — **IBM via Coursera | 2025**
- Introduction to Software Engineering — **IBM via Coursera | 2025**
- Accelerating End-to-End Data Science Workflows — **NVIDIA | 2025**

PROJECTS

Lexanova – AI-Powered Telegram Assistant | Python, Flask, spaCy, Cohere AI, Telegram Bot API
- Built and deployed an NLP-based Chatbot integrating 15+ APIs (news, weather, translation, tasks).
- Achieved 95% accurate response handling, cutting manual task time by 40% and boosting engagement.

Lunara – AI-Integrated E-Commerce Platform | Flask, MySQL, JavaScript, bcrypt
- Developed a full-featured e-commerce web app with authentication, cart, and order management system.
- Reduced simulated support queries by 30% using a sentiment-aware AI FAQ chatbot with fuzzy logic.

JobScoutPro – Job Market Intelligence Platform | Python, Node.js, Docker, Chart.js
- Aggregated data from 5+ job platforms (LinkedIn, GitHub Jobs, Glassdoor) for market trend dashboards.
- Built CI/CD pipeline with Docker and GitHub Actions ensuring scalable, automated deployment.

NBA Team Intelligence & Reporting System | Python, Flask, pandas, matplotlib, fpdf2
- Automated generation of 11+ KPIs with real-time visualization and PDF reporting with email delivery.
- Deployed as a containerized app (Render/Heroku) accessible to both technical and non-technical users.

Additional Projects: Airbnb Pricing Analysis, SubTracker Pro, Blinkit Power BI Dashboard — (Portfolio)

VIRTUAL INTERNSHIPS

Conversational Data Analytics Intern   **Sep–Oct 2025**
Edunet Foundation (AICTE–Vodafone Idea Foundation)
- Built an **NLP chatbot** and **analytics dashboard** that automated manual report analysis, saving **25%** time.

AI & Cloud Technologies Intern   **Sep–Oct 2025**
Edunet Foundation – IBM SkillsBuild
- Engineered a cloud-ready **Python automation tool** integrating weather and news **APIs via IBM's AI modules**.

Front-End Web Development Intern   **Aug–Oct 2025**
Edunet Foundation – IBM SkillsBuild
- Developed a responsive **Flask web app** using modular UI components with **HTML, CSS, and JavaScript**.

Software Engineering Virtual Experience   **Jun 2025**
JPMorgan Chase & Co. (Forage)
- Implemented transaction modules using **Spring Boot, Kafka, and REST APIs** with **JUnit testing**.

ACHIEVEMENTS

- **University Topper (CGPA 9.43 / 10)** – BCA Program, Maharani Cluster University
- **PGCET 2025 Rank: 2867 (MCA)** – Karnataka State Common Entrance Test
- **Led and coordinated 10+ college tech & cultural events, managing logistics, marketing, and team operations**