

# Pragna Priyatham Kandula

+1 919-(455)-8834     [pragnapriyathamusa@gmail.com](mailto:pragnapriyathamusa@gmail.com)

LinkedIn: <https://www.linkedin.com/in/pragna-priyatham-a08531100/>

## PROFESSIONAL SUMMARY

A skilled Full Stack Django Developer with over 5 years of experience specializing in Python, Django, and cloud technologies. Expertise in developing and deploying scalable web applications, integrating front-end and back-end systems, and managing databases. Proficient in creating efficient RESTful APIs, enhancing user experiences with modern front-end technologies, and utilizing cloud platforms like AWS. Strong background in optimizing performance, ensuring security, and implementing data-driven solutions for complex business challenges.

## TECHNICAL SKILLS

**Frontend:** HTML5, CSS3, XML, Bootstrap3, AJAX, DOM, jQuery, Angular.js, Bootstrap

**Backend:** Python, Django, PHP, Laravel, RESTful services

**Tools & Other Skills:** Visual Studio, Eclipse, PyTest, PyCharm, Jupyter, Anaconda, Jenkins, Ansible, Docker, Kubernetes, Terraform, Splunk, CloudWatch

**AI/ML & Data Science:** NumPy, Pandas, matplotlib, Scikit-learn, TensorFlow, Django-otp, Generative AI, NLP, Web Scraping (BeautifulSoup, Requests, Selenium)

**Databases & Cloud:** SQL, MySQL, MongoDB, Snowflake, AWS, GCP

## PROFESSIONAL EXPERIENCE

### Part time Web Developer- University of North Texas

June 2023-Dec 2024

- Developed and maintained Django-based web applications for university websites, ensuring seamless functionality and user experience.
- Enhanced website performance by optimizing backend logic, database queries, and API integrations.
- Collaborated with faculty and administrators to implement custom features and improve web accessibility.

### Software Developer - Andhra Pradesh Grameena Vikas Bank (IT Department)

Oct 2020- Nov 2022

- Developed full-stack web applications using Django, Laravel, and MySQL to enhance banking operations and customer services.
- Designed and optimized RESTful APIs for seamless integration between frontend and backend systems.
- Implemented authentication and security measures in web applications, ensuring data protection and compliance.
- Automated workflows and data processing using Python scripts, improving efficiency in banking processes.

### Software Engineer - Infosys Limited, Hyderabad

June 2016- Aug 2020

- 2 years of experience in windows administration, a support team for maintenance of development and
- Developed and maintained full-stack applications using Python, Django, and MySQL for data-driven solutions.
- Optimized database queries and implemented automation scripts to improve system performance and reduce manual effort.
- Collaborated with cross-functional teams to integrate backend services with web applications.
- Worked with Agile methodologies to deliver scalable and efficient software solutions.

## PROJECTS

### Device Recommendation system:

- **Full-Stack Development:** Built a Django-based device recommendation system with MySQL, TypeScript, and Tailwind CSS for a seamless user experience.
- **AI-Powered Recommendations:** Integrated machine learning with advanced retrieval-augmented generation (RAG) techniques and large language models (LLMs) like Mixtral and LLaMA for highly personalized device recommendations.
- **Optimized Query Processing:** Developed an efficient SQL query generation module, leveraging AI to ensure accurate and fast data retrieval, improving system performance and user satisfaction.
- **Achievement:** Achieved nearly 90% accuracy in device recommendations, significantly improving user satisfaction and engagement.

## EDUCATION

Masters-Data Science, University of North Texas, Texas, USA

GPA: 3.83 | 2023-2024