BATHALA VISHNU

Python Support Engineer

+91 6302159788

vishnuofficialitgmail.com Tirupati(517101), Andhra Pradesh, India

SUMMARY

Results-driven Software Developer with 1.5+ years of experience in designing, developing, and optimizing scalable web applications. Strong problem-solving skills with a focus on performance, security, and user experience. Adept at collaborating with cross-functional teams, meeting project deadlines, and improving business operations through innovative solutions. Proven ability to analyze requirements, streamline workflows, and enhance application efficiency

# EDUCATION PROFESSIONAL EXPERIENCE

## Sri Venkateshwara University

Bachelor of Science – Computer Science - 7.50/10

2020 – 2023

# SKILLS

 **Programming & Frameworks**: Python, Django, Flask

 **Databases:** MSSQL, SQLite

 **APIs & Security:** REST API, JWT,

## Python Support Engineer

Young Minds Technology Solutions | Tirupati, AP | 09/2023 – 01/2025

 Built secure web applications using Django & Flask.  Integrated third-party APIs & optimized workflows.

 Implemented JWT authentication for session security.

 Developed RESTful APIs & automated background tasks via Celery.

 Enhanced performance with Redis caching & optimized queries.

# PROJECTS

Simple JWT, AES, SHA, RSA

Encryption

 **Development Tools:** Git, VS Code, PyCharm, Postman, Thunder Client



 **Task & Cache Management:** Celery, Redis, API Caching

 **Other Skills:** CRUD operations, Secure Web Apps, Django Admin Customization, Time Management, Communication

# CERTIFICATIONS

 Python Full Stack Development – IBM (Coursera)

## Crypto Data & Organization Management System

Developed a secure web system for managing organizations and tracking crypto prices via Coin Gecko API. Integrated JWT authentication for access control and Celery & Redis for automated updates. Designed RESTful APIs with filtering, pagination, and historical data storage. Implemented Django signals for event logging and ensured reliability through unit testing.

**Key Skills:** JWT, Celery, Redis, REST API, Django Signals, Unit Testing

## College Database Management System

Built a role-based access system for college administration with secure CRUD operations. Designed modules for student, faculty, and admin management, ensuring optimized data handling.

**Key Skills:** Role-Based Access, CRUD, DB Optimization