

Nambivelnathan S

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PYTHON DEVELOPER

- Python Developer adept at creating secure, scalable web applications with Django and REST Framework.
- Proven track record of delivering high-performance solutions that enhance user satisfaction and efficiency.
- Certified in Python back-end development, proficient in architecting and delivering high-performance, user-centric, web-based solutions.

EXPERIENCE

PYTHON DEVELOPMENT INTERN | Cognorise Infotech

Remote | Nov 2024 – Present

- Created scalable and secure modules, boosting project efficiency by 30%.
- Delivered 3+ applications, including password generator, QR code encoder / decoder, and calculator app, using clean modular code.
- Developed automated testing processes, reducing the bug resolution time by 25%.

INDUSTRIAL TRAINING | Emglitz Technology

Coimbatore | Jul 2022 - Jul 2022

- Built an IoT-based Smart Waste Management Solution, increasing efficiency by 40%.
- Streamlined resource allocation, reducing costs by 20% using data-driven strategies.
- Applied IoT and Java technologies to practical projects, boosting team productivity by 30%.

PROJECTS

SIMPLEX-ECOMMERCE PLATFORM

Oct 2024 - Dec 2024

Technology Used: Python | Html | css | Bootstrap | Javascript | Django | MySQL.

- Refined database queries, achieving a 25% improvement in user retention and handling over 500 daily users.
- Reduced page load times by 20%, ensured uptime of 99%, improving user satisfaction.
- Developed a user authentication system with encrypted credentials, improving security by 40%.

WEATHER INFORMATION API

Oct 2024 - Nov 2024

Technology Used: Python | Django | REST Framework | JSON | OpenWeatherMap API | Requests | HTML | JavaScript

- Optimized API requests to external services, reducing response time by 30% and improving user experience.
- Designed and deployed robust endpoints to handle up to 1000 daily requests for real-time weather data.
- Implemented error handling mechanisms, reducing failure rates by 50% during API interactions.

EDUCATION

BACHELOR OF TECHNOLOGY IN INFORMATION TECHNOLOGY | KALASALINGAM UNIVERSITY Jun 2020 - Jun 2024 | Srivilliputhur, India | CGPA: 7.91/10

HIGHER SECONDARY | SRI AUROBINDO MIRA MATRICULATION HIGHER SECONDARY SCHOOL Mar 2019 - Mar 2020 | Madurai, India | Percentage: 67.66%

SKILLS

Programming Languages :

- Python (Intermediate Level)

Web Development :

- Django Framework
- Django REST Framework (DRF)
- HTML5, CSS3, Bootstrap
- JavaScript (Basic Level)

Databases :

- SQL
- Relational Databases: MySQL, SQLite
- ORM (Object-Relational Mapping) in Django

Coursework

- Data Structures and Algorithms
- Object Oriented Programming
- Database Management Systems
- Artificial intelligence

CERTIFICATIONS

Python for Backend Development (Django) | Green's Technology

Python Programming | Guvi

Web Development with HTML5 and CSS3 | Coincent.ai

Python for Data Science | Nptel

LINKS

Github:// nambi-s

Linkedin:// nambi-s