

S.NAMBIVELNATHAN

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SUMMARY

Engineering graduate with hands-on expertise in **Python, Django, REST APIs, and SQL**, skilled in building fast, scalable, and secure web applications. Actively seeking a **Python Developer or Software Engineer** role to drive quality development outcomes.

EDUCATION

KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION

Bachelor of Technology in Information Technology

Aug 2020 - Jun 2024

CGPA: 7.91/10

TECHNICAL SKILLS

Programming Languages: Python Programming, SQL.

Web Framework: Django Framework, Django REST Framework, RESTful APIs.

Libraries: NumPy, Pandas, Matplotlib.

Other Skills: AWS, Git, GitHub, VS Code, Postman, MVT Architecture, Template Engines (Django Templates), JSON, CSRF/XSS Security Handling, CI/CD Pipelines.

WORK EXPERIENCE

PYTHON DEVELOPMENT INTERN

Nov 2024 - Dec 2024

Cognorise Infotech

- Implemented **Object-Oriented Programming (OOP) principles** to create modular and reusable Python classes, improving code maintainability by 35%.
- Applied **Data Structures and Algorithms (DSA)** in daily Python scripts, increasing execution efficiency by 20%.
- Participated in 10+ mentor-led sessions focused on **MVC architecture, version control, and RESTful development** workflows.
- Developed and deployed **Django-based mini-projects** using Git, SQLite, and HTML/CSS, achieving a 95% test pass rate and enhancing team productivity by 30%.

INDUSTRIAL TRAINING

Jun 2022 - Jun 2022

Emglitz Technology

- Designed and prototyped an **IoT-based smart waste management system** using Arduino, sensors, and cloud tools, increasing automation efficiency by 40%.
- Engineered a **logic-based detection system** achieving 90% accuracy in varied environments.
- Collaborated within a 4-member **Agile methodology** team to meet iterative development milestones.
- Gained hands-on exposure to the **Software Development Life Cycle (SDLC)** through team-based project planning and delivery reviews.

TECHNICAL PROJECTS

E-Commerce Platform

Nov 2024 - Feb 2025

- Tech Stack:** Python, Django, HTML5, CSS3, Bootstrap, JavaScript, MySQL, GitHub.
- Launched a **full-stack e-commerce web application** enabling users to browse products, manage carts, and securely checkout.
- Optimized application performance to **achieve < 2.5s average load time** and **95% mobile responsiveness** across platforms.
- Implemented **user authentication** and session management using Django's security features, ensuring a **100% secure login flow**.

CERTIFICATES

- Python Backend** (Greens Technology)
- Python** (Guvi)
- Python for Data Science** (Nptel)
- Web Development** (Coincent.ai)