

IYYAPPAN G – Python Developer

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Chennai, India | 2 Years Experience

PROFESSIONAL SUMMARY

Detail-oriented Python developer with 2 years of experience in automation for backend development, and CI/CD implementation. Skilled in building Python-based automation frameworks from scratch, maintaining test pipelines, and performing application security analysis. Proven ability to collaborate in Agile teams and ensure high software quality through robust DevOps practices and secure coding standards.

TECHNICAL SKILLS

- **Languages:** Python
 - **Frameworks/Tools:** Flask ,Selenium WebDriver, Appium, Pytest, Hybrid Framework, POM
 - **DevOps:** Azure DevOps, Git, CI/CD Pipelines
 - **Cloud:** Azure Cloud
 - **Database:** MySQL
 - **Testing:** Automation Frameworks, Security Testing
 - **Others:** Agile Methodology, Postman, Gen AI tools
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PROFESSIONAL EXPERIENCE

Software Engineer

Botcode Web Integration Solutions – Chennai, India

March 2024 – Jun 2025 – Project : SchoolSkies (Under Botcode)

- Designed and built a modular automation based framework and developed python packages for web
- Implemented CI/CD pipelines using Azure DevOps for faster testing and deployment
- Performed application security analysis in python and contributed to vulnerability fixes
- Co-ordinated with senior developers for API's integration and query fetching
- Acquired working knowledge of RESTful APIs by collaborating with senior developers and reviewing API documentation and integration flows

Software Engineer Trainee

Amtex Systems – Chennai, India

June 2023 – March 2024 - Project : SchoolSkies(Under Amtex)

- Developed test cases and contributed to backend scripting for internal automation tasks
- Participated in debugging sessions and built foundational Python automation scripts
- Contributed to test planning and validation of REST API endpoints during QA automation cycles.

PROJECTS

Amazon Product Review Sentiment Analysis

Created a Python-based scraper to extract reviews and analyze sentiment using NLP. Cleaned and pre-processed textual data to generate product reputation insights.

IoT Temperature Sensor using ESP32

Built an IoT project using ESP32 to track temperature and log data in real time.

EDUCATION

Master of Computer Applications (MCA) – Pursuing

Madras University

Bachelor of Science (B.Sc.) in Information Technology

Bharathidasan University

INTERNSHIP EXPERIENCE

Intern – Shiash Info Solutions

Duration: 91 Days

Intern – Ceasura Technology

Duration: 62 Days

CERTIFICATIONS

- Essentials of Python – Live wire
- Android security testing – Udemy
- Essential of Ethical Hacking – Live wire

LANGUAGES

English

Tamil