

# VIGNESH R

Software Engineer | Python Development | Backend Solutions | Test Automation

📞 (+91) - 8553834060    ✉️ vigneshramesh51@gmail.com    🌐 wiki-portfolio-e6807.web.app    📍 Bangalore

VR

## SUMMARY

I am a results-oriented Software Engineer with over 5 years of experience specializing in Python development, backend solutions, and test automation. I excel at building scalable applications using Django and PostgreSQL while ensuring high software quality through extensive testing and API integration. My passion lies in contributing technical expertise within collaborative Agile teams to drive improvements in performance and efficiency.

## EXPERIENCE

### Quality Engineer

#### Tata Consultancy Services

📅 08/2022 - 01/1970    📍 Bangalore

A multinational IT services and consulting company.

- Conducted functional and automation testing using Tosca and Python to ensure accurate feature functionality and system integration.
- Identified, reported, and tracked bugs related to features, coordinating with development teams for resolution.
- Automated test cases to reduce manual testing time and improve test coverage for repeated test scenarios.
- Performed regression testing to ensure changes did not affect existing system functionalities before release.

### Python Developer

#### Marolix Technology Solutions

📅 01/2022 - 07/2022    📍 Bangalore

A technology solutions provider focused on web applications.

- Involved in application development and provided support and maintenance for an eCommerce web application.
- Collaborated with clients to gather requirements and analyse project flow to deliver a solution that met business needs.
- Worked with SMEs to understand how system changes impacted project requirements.

### Software Engineer

#### Spider focus Solutions

📅 04/2019 - 01/2022    📍 Bangalore

A software development firm specializing in process automation.

- Developed web applications using Python, Django, and PostgreSQL, focusing on backend development and API integration.
- Designed and implemented RESTful APIs for seamless integration across applications.
- Participated in Agile sprints, contributing to sprint planning, code reviews, and daily stand-ups.
- Troubleshooted and resolved issues, ensuring smooth operation and performance post-deployment.

## EDUCATION

### Bachelor of Computer Applications (BCA)

#### Reva University

📅 08/2015 - 05/2018    📍 Bangalore

### Pre-University Course (PUC)

#### Beml PU College

📅 08/2013 - 05/2015    📍 Kolar Gold Fields

### Secondary School Leaving Certificate (SSLC)

#### Beml High School

📅 08/2011 - 05/2013    📍 Kolar Gold Fields

## KEY ACHIEVEMENTS



### Enhanced Test Coverage

Boosted test coverage by 30% in three months using automated test case creation.



### Improved Testing Efficiency

Reduced manual testing time by 20 hours monthly through automation scripts.



### API Optimization Success

Optimized API response time by 15%, enhancing user experience and reducing server load.



### High Bug Closure Rate

Achieved 98% bug closure rate by implementing efficient bug tracking and resolution processes.

## LANGUAGES

### English

Native



### Kannada

Native



### Tamil

Native



### Telugu

Advanced



## SKILLS

Agile

agile development

API

API Integration

apis

automation testing

BitBucket

bootstrap

CSS

Debugging

Django

django framework

ECommerce

Git

HTML

Jenkins

Manual Testing

MySQL

postgresql

Private Cloud

Process Automation

PyCharm

Python

regression testing

rest

restful

restful apis

s3

Sprint Planning

SQL

SQLite3

Sublime

Sublime Text

System Integration

telugu

test scenarios

TOSCA

VS Code

## CERTIFICATION

### Python – Pysiders

### Django Framework – Pysiders

### Tricentis

Testing and Automation (e.g., Tosca)