

Vignesh Govardhan

Full-Stack Developer (Python | Java | React | MSSQL)

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Phone: +91 9080054733 Location: Hosur, India

Professional Summary

Full-Stack Developer with nearly 4 years of experience building scalable web applications, back-end services, and database-driven platforms. Skilled in **Python, Django, Java, SQL, React, and Node.js**, with strong hands-on experience designing **REST APIs, implementing business logic, and developing user-facing interfaces**. Experienced in **integrating front-end and back-end components, optimizing database queries, and deploying full-stack applications** to cloud environments. Additionally experienced with **DevOps tools (Docker, CI/CD, AWS)** enabling end-to-end ownership from development to deployment with high reliability.

Technical Skills

Full-Stack Development	Python, Django, Flask, Java (Spring basics), Node.js basics, React.js, JavaScript, HTML5, CSS3, Bootstrap, REST API development, JSON
Databases	MySQL, SQLite, DynamoDB, SQL Joins & Query Optimization, Stored Procedures, Schema Design
Cloud & Deployment	AWS (EC2, S3, VPC, RDS), Azure basics, Docker, Kubernetes (basic), Nginx/Apache, CI/CD (Jenkins, GitLab), Git
Automation & Tools (Secondary)	Terraform, Ansible, Prometheus, Grafana, Splunk, Datadog, SonarQube, ServiceNow, Jira

Professional Experience

Full-Stack Developer (with DevOps exposure)

Tata Consultancy Services

Bangalore, India

Dec 2021 – Present

Full-Stack Development Responsibilities

- Designed and developed **backend services using Python, Django, and REST APIs** for enterprise applications
- Worked with **React.js + JavaScript teams** to integrate APIs, build UI components, and ensure smooth front-end/back-end communication
- Created backend modules for **authentication, role management, data workflows, and business logic**
- Designed **relational database schemas (MySQL/SQLite)** and wrote optimized SQL queries
- Developed full application workflows including **forms, validations, pagination, file uploads, and reporting endpoints**
- Built and consumed internal APIs used by **15+ microservices**

EMS (Enterprise Management System) – Full-Stack Project

- **Tech:** React, Tailwind CSS, .NET API, MSSQL
- Developed UI screens for **enquiries, customer onboarding, payments, and transaction flows**
- Integrated **React frontend with .NET APIs** for add/view/update operations
- Designed **MSSQL database structure** and optimized DB operations
- Implemented **real-time validations, dynamic forms, and state management**
- Added **email notification workflow** for enquiry submission
- Took ownership of **development, debugging, and deployment preparation**

Supporting DevOps Responsibilities:

- Containerized applications using **Docker** and deployed on **AWS EC2/Kubernetes**
- Automated deployment steps using **Jenkins/GitLab CI**
- Wrote **Python scripts** for REST API automation and data handling tasks
- Used **Grafana & Splunk dashboards** for debugging backend issues

Key Projects

Enterprise Management System (EMS) – Full-Stack Application

Tech: React, Tailwind CSS, .NET API, MSSQL

Client: PwC

Dec 2021 – Present

- Built multiple modules (**Enquiry, Customer, Payments, Reports**) using React + .NET API + MSSQL
- Implemented **routing, state management, form validation, and reusable components**
- Designed **lightweight and optimized DB** for EMS workflow
- Integrated **backend API logic** with clean error handling and response structure

Dealer Management Platform – Full-Stack + API Development

Tech: Python, Django, Java, React, MySQL

Client: PwC

Dec 2021 – Present

- Developed **Python-based API services** for workflow automation
- Integrated **Java backend and React UI teams** with consistent API contracts
- Created **MSSQL queries** and handled data structuring for reporting modules

Automation Suite – Python Development

Tech: Python, REST APIs

Client: PwC

Dec 2021 – Present

- Developed scripts to automate **data ingestion, API triggers, and cleanup operations**

Certifications & Training

- **Full-Stack Development** – Python, Django, React (PalleTechnologies, Bangalore)
- **Google Cloud Platform Associate Cloud Engineer** – Certificate ID: P9z4pc (Active)
- **Xcelerate Warrior** – Advanced DevOps Practices (February 2024)

Recognition & Awards

- **Service & Commitment Award** (2024) – TCS – Honored for excellence in application development
- **Star of the Month** (2024) – Recognized for code optimization & system improvements
- **Client Appreciation** (PwC, 2025) – Commended for application stability & reliability

Education

Adhiyamaan College of Engineering, Hosur

2020

B.Tech, Information Technology

Er. Perumal Manimegalai Polytechnic College, Hosur

2017

Diploma in Mechatronics Engineering

Vailankanni Metric Higher Secondary School, Hosur

2014

SSLC (Secondary School Leaving Certificate)

Declaration

I hereby declare that all the information mentioned above is true and accurate to the best of my knowledge and belief.

Vignesh Govardhan

Date: November 25, 2025

Place: Bangalore, India