

# 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

<b>Full-Stack Development</b>	Python, Django, Flask, Java (Spring basics), Node.js basics, React.js, JavaScript, HTML5, CSS3, Bootstrap, REST API development, JSON
<b>Databases</b>	MySQL, SQLite, DynamoDB, SQL Joins & Query Optimization, Stored Procedures, Schema Design
<b>Cloud &amp; Deployment</b>	AWS (EC2, S3, VPC, RDS), Azure basics, Docker, Kubernetes (basic), Nginx/Apache, CI/CD (Jenkins, GitLab), Git
<b>Automation &amp; Tools (Secondary)</b>	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 MySQL 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, MySQL
- Developed UI screens for **enquiries, customer onboarding, payments, and transaction flows**
- Integrated **React frontend with .NET APIs** for add/view/update operations
- Designed **MySQL 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

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### Enquiry Management System (EMS) – Full-Stack Application

*Client: PwC*

*Tech: React, Tailwind CSS, .NET API, MySQL*

- Built multiple modules (**Enquiry, Customer, Payments, Reports**) using React + .NET API + MySQL
- 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*

- 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*

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

## Certifications & Training

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- **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

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- **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

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Adhiyamaan College of Engineering, Hosur <i>B.Tech, Information Technology</i>	2020
Er. Perumal Manimegalai Polytechnic College, Hosur <i>Diploma in Mechatronics Engineering</i>	2017
Vailankanni Metric Higher Secondary School, Hosur <i>SSLC (Secondary School Leaving Certificate)</i>	2014

## Declaration

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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:** Hosur, India