

# Lokesh Babu R

Senior Software Developer at Sify Technologies Limited.

## Personal details

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Gender	Male
Nationality	Indian
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## Profile

Experienced and versatile **Senior Software Developer** with over 6+ years of expertise in **web application development**, **backend services**, and **server-side scripting**. Proven track record in delivering scalable solutions across banking, internal tools, and automation systems. Skilled in a broad spectrum of technologies including **PHP**, **Python**, **JavaScript**, **Shell Scripting**, and frameworks such as **CodeIgniter**, **AngularJS**, **Express.js**, and **Flask**. Strong background in integrating third-party services such as **SBIEPAY Payment Gateway** and **SendClean Email APIs**, along with hands-on experience in **PDF generation**, **file validation**, and **automated shell-based deployments** across servers. Proficient in managing databases like **MySQL** and **AWS RDS**, and experienced in **DevOps practices** and **cloud architecture (AWS Certified)**.

## Education

Jul 2014 - Aug 2016	<b>M.E, Computer Science</b> <b>Arunai Enginnering College, Tiruvannamalai</b> CGPA: 7.66 / 10 – First Class
Jun 2010 - Jun 2014	<b>B.Tech, Information Technology</b> <b>Ganadipathy Tulsi's Engineering College</b> CGPA : 7.02 / 10 - First Class
Feb 2008 - Dec 2010	<b>HSC</b> <b>S.S.Hr.Sec.School, Arni</b>

## Employment

Jul 2023	<b>Senior Software Developer</b> <b>Sify Technologies Limited., Chennai, Tamil Nadu, India</b> <ul style="list-style-type: none"><li>● Integrated SBIEPAY Payment Gateway for Non-IBPS projects.</li></ul>
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- Automated database-related tasks using Shell scripts to trigger executions on remote servers during testing phases.
- Integrated SendClean email API service for transactional email delivery.
- Upgraded the Helpmate internal tool from PHP to Angular and Node.js, modernizing the backend for all functionalities previously built in PHP.
- Built a Python-based image comparison system using Artificial Intelligence and Machine Learning, leveraging OpenCV and TensorFlow.
- Enabled accurate similarity detection and pattern recognition for use cases like facial recognition, object detection, and quality assurance through AI/ML-driven image processing.
- Developed a Python-based image comparison solution leveraging Artificial Intelligence and Machine Learning. Utilized libraries like OpenCV and TensorFlow to extract and compare image features, enabling accurate similarity detection and pattern recognition.

**May 2021**

**Software Developer**

**Sify Technologies Limited., Chennai, Tamilnadu**

- Worked on Application Registration Forms tailored to different bank client requirements with server-side validation, call letter generation, and results handling.
- Developed an API for real-time ("OnFly") PDF generation of application forms.
- Implemented AngularJS-based photo and document validation features in the Helpmate portal.

**Oct 2019 - Apr 2021**

**AWS Architect**

**Smart Gladiator - Mobile Platform for Supply Chain Wearable ScanGuns, Voice, LMS, LoadProof, Tablets, Chennai, Tamil Nadu**

Mobile Platform for Supply Chain Wearable ScanGuns, Voice, LMS, LoadProof, Tablets Creation of EC2(Ubuntu, Linux, Windows Sever), Elastic IP, VPC, Security Groups, Load Balancing, EBS. Middleware Integration with Linux, Windows and AS400. Monitoring Tools : AWS Utilization Monitoring, New Relic .

**Feb 2019 - Apr 2021**

**PHP Developer**

**Smart Gladiator - Mobile Platform for Supply Chain Wearable ScanGuns, Voice, LMS, LoadProof, Tablets, Chennai Area, India**

**LoadProof** : It is a image-capture designed for logistics operations. Warehouse workers, truck drivers, supervisors, or anyone involved in shipping. Based on Code-igniter Framework Developed with the integration of AWS,S3.

**Gamification** -LMS(Labor Management System) Description : Gamification is designed to enhance productivity through measuring real time performance Frequently via web-portal .Easy to Track Operator Performance.

**Jul 2017 - Dec 2018**

**Assistant Professor**

**Pallavan College of Engineering, Kanchipuram Area, India**

**Skills**

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**PHP, Codeigniter Framework**

**Node.js**

**JavaScript**

