




SIVAKUMAR R

BACKEND DEVELOPER

 9442133155
 sivaravichandran11@gmail.com
 Chennai

PROFESSIONAL SUMMARY

Results-driven Python Developer with 2 years of experience in designing and developing applications using Python, MySQL, and AWS Cloud. Proficient in eCommerce solutions, including product management, inventory systems, tax invoicing, drone rental services, and user authentication. Skilled in database querying, API development, and cloud deployments, with a strong focus on building efficient and scalable solutions.

WORK EXPERIENCE

Associated Backend Developer

FarmwiseAI Pvt Ltd - April 2023 - March 2025

- Developed and maintained backend systems for eCommerce solutions, reducing system response time by 30% through optimized database queries and API design.
- Created and improved MySQL stored procedures, resulting in a 25% reduction in data retrieval time for order and inventory operations.
- Designed and deployed serverless applications using AWS SAM, enhancing deployment speed by 40%.
- Ensured high availability and scalability using AWS services (e.g., Lambda, API Gateway, S3, RDS), leading to a 20% improvement in application uptime.
- Secured applications using best practices in user authentication and IAM roles.
- Led integration of real-time drone rental and tax invoicing modules, improving customer transaction efficiency.
- Actively monitored performance and logs using CloudWatch, proactively resolving 90% of issues before escalation.

ACADEMIC HISTORY

Bachelor of Computer Application
Thiruvalluvar university | 2015-2018

Master of Computer Application
Annamalai university | 2018-2021

SKILLS

- **Programming & DB:** Python, MySQL
- **DevOps Tools:** Docker, Kubernetes, Jenkins, Ansible, Terraform
- **Cloud & Version Control:** AWS (Lambda, API Gateway, S3, RDS, EC2, IAM), Git

PROJECT

- DevOps React Deployment Project

Deployed a production-ready React application using Docker, Docker Compose, and Jenkins with automated CI/CD pipelines. Integrated GitHub, AWS EC2, Docker Hub, and open-source monitoring for seamless deployment and health monitoring.

GitHub: https://github.com/Sivarepo24/devops_project