AADITYA R KRISHNAN

SKILLS

Programming
Python · React JS

Frameworks
Django · DRF · Flask

Databases
MySQL · PostgresSQL · MongoDB

Tools & Technologies
AWS · Nginx · Gunicorn · Redis · GIT · REST API

ACHIEVEMENTS

◈ Best Rookie Award | Infosys Limited
Received the Best Rookie Award for resolving prolonged issues and introducing efficient enhancements to existing features

◈ WoW Award 2023 Q2 | Envestnet
Received the WoW Award (Q2 2023) from Envestnet for independently building and managing a new application from scratch.

◈ Star of the Quarter 2023 Q3 | Envestnet
Received the Star of the Quarter Award (Q3 2023) from Envestnet for integrating a feature into the application that enabled the team to identify machines missing various security agents.

SOCIAL

in https://www.linkedin.com/in/aaditya-r-krishnan-3200a92aa/

git https://github.com/aadityarkrishnan

Senior Python Engineer

📞 +918848151464   @ aadityarkrishnan@gmail.com

🔗 https://aadityarkrishnan.github.io/aboutme   📍 Alappuzha, India

EXPERIENCE

Associate Lead Engineer (Cloud Security Engineer)
Envestnet
2022 - Present
Trivandrum

Envestnet, Inc. is an American financial technology corporation which develops and distributes wealth management software and products to financial advisors and institutions.

- **Security as Code Implementation**: Developed a system to identify and mitigate vulnerabilities and security risks, enabling the security team to resolve issues 50% faster.
- **Data Integration**: Aggregated data from security tools, cloud accounts, and on-premise systems using Django crontab for scheduled collection, benefiting over 100 team members.
- **Data Representation**: Designed tabular views, dashboards, reports, and notifications for effective data presentation.
- **Security Tool Identification**: Detected missing security tools across various systems (on-premise, local, VDI).
- **Cloud Security Posture Management**: Identified cloud misconfigurations using AWS service APIs and boto3 for data fetching.
- **Automation**: Automated firewall assessments, rule analysis, and PDF report generation, reducing manual effort by 80%.
- **Authentication and Authorization**: Implemented OKTA SAML2 for secure access management.
- **Deployment and Maintenance**: Deployed application on AWS EC2, utilized Nginx and Gunicorn, and ensured daily database backups to S3.
- **Health Checks and Data Validation**: Conducted twice-daily health checks, ensuring 99.9% system uptime and reliability.
- **Notification Integration**: Integrated AWS SES for notifications and report delivery, ensuring timely updates to relevant teams.

Technical Analyst
Infosys Limited
2020 - 2022
Trivandrum

Infosys Limited is an Indian multinational information technology company that provides business consulting, information technology and outsourcing services.

- Revolutionized system architecture by upgrading legacy jobs to Apache Airflow, enhancing performance by 50%, and automating Docker performance checks across 100+ servers with Jenkins and Python, cutting support workload by 60%.
- Spearheaded integration of an advanced admin module in the React+Flask broadband app, enhancing data organization and overall performance, and developed a Python tool for network device synchronization, improving system coherence.

Software Engineer
Inapp Information Technology
2019 - 2020
Trivandrum

InApp has been passionate about empowering clients worldwide through transformative digital solutions

- Transformed Hotel Management and Air Conditioning Domain apps by refactoring codebases, enhancing features, optimizing performance, and integrating third-party APIs to streamline processes.
- Led pivotal transitions in Financial and Furniture Domain apps by implementing advanced authentication modules, resolving critical bugs, and integrating PayPal SDK for secure payments.

Junior Engineer
RSGP Consulting Ltd
2017 - 2019
Trivandrum

RSGP is an international software development and production company working with some of the largest brands in the world

- Led the development of a CodeIgniter-based Employee Management Web App, focusing on features like leave, working hours, and task tracking, enhancing staff management efficiency and organizational productivity.

EDUCATION

B.Tech Information Technology
Amal Jyothi College of Engineering
2013 - 2017
Kottayam