Aaditya R Krishnan

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EXPERIENCE

Associate Lead Engineer | Envestnet | Trivandrum | December 2022 – Present

· **Architected and implemented a Cloud Security Posture Management (CSPM) system**, reducing vulnerability detection time by 50% through proactive monitoring of AWS services and integrating CrowdStrike alerts for enhanced threat mitigation.
· **Developed and automated security assessment tools**, streamlining firewall rule analysis, IP interference detection, and report generation, achieving an 80% reduction in manual effort for the networking team.
· **Engineered scalable data integration pipelines** using Django and crontab, aggregating security metrics from cloud, on-premise, and VDI sources to provide real-time insights to 100+ team members.
· **Recognized with the "Star of the Quarter (Q4 2023)" and "WoW Award (Q3 2023)"** for exceptional contributions to cloud security, process automation, and innovation in system development.

Technical Analyst | Infosys Limited | Trivandrum | March 2020 – December 2022

· Increased processing speed by 85% through Apache Airflow migration and automated Docker health monitoring for 100+ servers using Python scripts, reducing support tasks by 60%.
· Streamlined the React/Flask admin module, reducing manual database operations by 40%, and deployed network synchronization automation, achieving a 35% error reduction.
· Engineered a data validation system with Python and Pandas to compare customer data and automated GUI health checks via web scraping, improving system reliability to 98%.
· Received the **Best Rookie Award (2021)** from Trinfy AFE for introducing new features, deferring backlogged tasks, and streamlining processes.

Software Engineer | Inapp Information Technology | Trivandrum | January 2019 – February 2020

· Optimised PHP codebases for Hotel Management and AC applications achieving 45% faster load times, integrated third-party APIs reducing manual processes by 30%.
· Enhanced Financial application security through advanced authentication implementation, integrated PayPal SDK decreasing payment processing time by 50%.
· Engineered 20+ features for Furniture Domain platform streamlining inventory management by 40%, resolved critical bugs improving system stability by 25%.

Junior Software Engineer | River Valley (RSGP) | Trivandrum | June 2017 – January 2019

· Developed CodeIgniter Employee Management System reducing leave approval time by 40%, integrated time tracking features leading to 25% improvement in productivity monitoring.
· Automated task assignment and reporting workflows decreasing manual administrative work by 35%, implemented real-time analytics dashboard for staff performance tracking.
· Created comprehensive leave management module handling 500+ monthly requests, engineered attendance tracking system achieving 98% accuracy in time logging.

EDUCATION

Bachelor of Technology Information Technology | MG University | Amal Jyothi College of Engineering | Kottayam | 2017 | 7.18

SKILLS

Frontend :React.js, Redux, Axios, React Bootstrap, Tailwind CSS, HighChart, HTML, CSS, JavaScript, jQuery

Backend/Services: Python, Django, Django REST Framework, Django Channels, Apache Airflow, AWS EC2, OKTA SAML2

Databases: PostgreSQL, MongoDB, Redis

DevOps & Tools: Docker, Git, AWS Services, Nginx, Gunicorn

Message Queuing: RabbitMQ

Core Competencies: REST API Development, Problem Solving, System Architecture

Github: https://github.com/aadityarkrishnan