







Arvinth Kumar V

 Ariyalur, Tamil Nadu |  arvinthvetri |  965-592-6110 |  arvinthvetri.click |  arvinthvetri@gmail.com |  arvinthvetri

Executive Summary

Experienced Python/Django Developer & Cloud DevSecOps Engineer with strong expertise in backend development, cloud platforms, automation, and CI/CD pipelines. Proficient in designing, developing, and deploying secure, scalable applications while implementing best practices in DevSecOps. Adept at integrating emerging technologies to improve software delivery, enhance security posture, and support business scalability and efficiency.

Skills

Python | Django | RESTful APIs | AWS (EC2, S3, RDS, EKS) | Git | Jenkins | Docker | Kubernetes | Terraform | Ansible | Linux Administration | Shell Scripting | MySQL | Prometheus | Grafana | SonarQube | OWASP | Trivy .

Experience

Lernity Education Pvt Ltd

Associate Software Engineer

June 2024 – June 2025

Bengaluru, Karnataka

- Transitioned from intern to full-time Associate Software Engineer based on consistent performance; worked on Lernity's educational platform features like speech-to-text conversion, handwriting recognition, and student exam analytics.
- Gained hands-on experience with AWS and Azure, assisting in infrastructure migration, backend deployment, and service scaling to support platform growth.
- Collaborated with DevOps to implement CI/CD pipelines and contribute to basic infrastructure automation, improving release cycles and reliability.
- Took the initiative to independently build an OMR (bubble sheet) evaluation tool using Python and OpenCV, automating the process of extracting student marks from scanned answer sheets.

The Ramco Cements Ltd

Intern

Mar 2024 – Apr 2025

Ariyalur, Tamil Nadu

- Worked on an innovative project titled "Detection of Jamming in Preheater Cyclone" using Python-based video image analysis; successfully created a prototype for self operated visual detection of blockages.

Certifications

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| • AWS Solution Architect, Intellipaat. | May 2025 |
| • DevOps Course, Intellipaat. | Apr 2025 |
| • Virtual Internship Data Analyst, Trainity. | Mar 2023 |
| • Programming With Python, Internshala. | Mar 2023 |

Projects

Taskify: Full-Stack Task Manager with DevSecOps Deployment

Feb 2025 - Mar 2025

- Built a responsive MERN stack task manager with dashboards, team collaboration, priority tracking, file uploads, and CSV/JSON exports; secured with JWT and mobile-friendly UI.
- Provisioned AWS EC2 via Terraform & Ansible, containerized with Docker, orchestrated on Kubernetes, and set up CI/CD with Jenkins. Integrated SonarQube, OWASP, and Trivy for DevSecOps.

Django-Based Bubble Sheet Scoring

Nov 2024

- Developed a Django-based bubble sheet scoring system to process scanned answer sheets, extract responses, and generate accurate scores using automated image processing, reducing teachers' manual evaluation workload by 99%.
- Designed interactive dashboards to present student performance insights, including score tables, subject-wise analysis, attendance metrics, and correct/incorrect answer breakdowns.

Telcom Churn Prediction – End-to-End Data Science Project

Jul 2024

- Built and deployed an end-to-end telecom churn prediction system using Random Forest Classifier with SMOTE for class balancing, achieving 94% prediction accuracy on customer churn outcomes.
- Developed an interactive Streamlit web application for real-time churn prediction, enabling intuitive user interaction and actionable insights for retention strategies.

Education

Sastra Deemed To Be University.

Bachelor of Technology in Computer Science & Engineering (IoT & Automation) - CGPA : 8.5 / 10

Jun 2020 – May 2024

Thanjavur, Tamil Nadu

SRM Institute of Science and Technology.

Master of Technology in Cloud Computing - CGPA : - / 10

Aug 2025 – May Present

Kattankulathur, Tamil Nadu