PATRICK AMBROSE

DevOps Engineer & Cloud Architect

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Summary

Detail-oriented DevOps and Cloud Engineer with a background in system administration. Skilled in streamlining processes, reducing time-to-market, and ensuring production environment stability and scalability. Seeking a DevOps role to leverage expertise in cloud technologies, continuous integration, infrastructure automation, containerization, and monitoring for exceptional, automated results.

Professional Experiences

Caplin Point Laboratories – Caplin Steriles Limited, Chennai (Aug 2022 – Present)

Senior Executive – IT and Digitization

- Spearheaded the development and deployment of an internal wiki site utilizing Material for MkDocs, Apache web server, and a FastAPI backend. This initiative promoted open knowledge sharing within the organization.
- Conducted proactive server maintenance to optimize performance and minimize downtime, ensuring the reliability of critical systems.
- Proficiently automated document creation with VBA scripting, streamlined processes, and system administration using PowerShell scripting, and PDF data scraping with Python leading to increased productivity and reduced manual workload.
- Working on setting up a robust monitoring environment with Prometheus and Grafana for live server monitoring and troubleshooting.

Dr. Reddy's Laboratories, Hyderabad (July 2020 – Aug 2022)

Planning and Scheduling Specialist

- Applied advanced automation and optimization techniques to enhance operational efficiency and streamline processes within the Logistics and Supply Chain domain.
- Successfully managed inventory, operational monitoring, and data cleaning tasks using SAP.
- Leveraged data and forecasting to enhance inventory requirement projection accuracy by 50%.
- Designed and implemented a real-time predictive system, enabling proactive decision-making by forecasting material shortage impact dates, minimizing production operation disruptions.

Education and Credentials

- **AWS Certified Solutions Architect Associate –** September 2022
- **AWS Certified Cloud Practitioner –** December 2021
- **Bachelor's Degree in Biotechnology (SASTRA University) –** May 2020

Technical Competencies

- **Programming and Scripting –** PowerShell, Bash, Python
- **Cloud Platforms –** AWS
- **DevOps Tools –** GitHub Actions CI/CD
- **Containerization –** Docker, Kubernetes
- **Infrastructure as Code –** Terraform
- **Configuration Management –** Ansible
- **Monitoring and Logging –** Prometheus, Grafana
- **Version Control Systems –** Git
- **Operating Systems –** Windows, Linux

Creative Outlets

- Home Lab with Proxmox VE
- Media Server with JellyFin
- FOSS Exploration @HomeLab
- Personal Website (refer top)
- 3D Design (SketchUp)
- Graphic Design
- UX Design
- Sketching Cars
- Gaming (RTS)