Dasun Nimantha Perera

Software Engineer Intern

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in LinkedIn   📍 Horana

Github

Work Experience

Software Engineer Intern, *Creative Software* 🔗
Jun 2023 – Nov 2023

- Orchestrated containerized applications using **Docker** and **Kubernetes**, enhancing scalability and efficiency in deployment.

- Implemented monitoring solutions utilizing **Prometheus** and **Grafana** to ensure the health and performance of applications, resulting in proactive issue resolution.

- Engineered strategies for long-term retention and a global query view of metrics using **Thanos** and Prometheus, reducing storage costs and enhancing the accessibility of data across environments.

- Leveraged **Python** for data visualization, creating insightful dashboards to aid in decision-making and improve overall system understanding.

Software Developer, *OLLCODE (PRIVATE) LIMITED* 🔗
Jul 2022 – May 2023

- Developed robust APIs and scalable backends that improved application performance and user experience using **NodeJS**.

- Conducted comprehensive security assessments on applications for security vulnerabilities adhering to **OWASP** best practices.

- Provisioned Linux virtual machines, web servers (**Nginx, Apache**), and databases (**MariaDB/MongoDB**), optimizing infrastructure to support scalable and reliable application architecture.

- Implemented CI/CD pipelines using **GitHub Actions** to automate the build, test, and deployment process, leading to a 30% reduction in release times.

- Implemented **WAF/CDN/DNS** configurations, enhancing content delivery and security, resulting in a 40% decrease in load times and a 60% improvement in overall system security.

Education

BSc. in Physical Science ICT,
University of Sri Jayewardenepura 🔗
Jan 2020 – May 2023
GPA : 3.14 / 4.00

Skills

Linux System Administration

Development
NodeJS, Flask, React Native, Java

Containerization
Docker, Kubernetes, Helm

CI / CD
Teamcity, Github Actions, ArgoCD

Penertration Testing
Metasploit, Sqlmap, Burpsuite, Wireshark

Scripting
Python, Bash

Monitoring & Logging
Prometheus, Grafana, Splunk, OpenTelemetry

Cloud Technologies
Azure, GCP, Firebase

Version Controlling & Collaboration
Git, GitHub, Azure DevOps

Certificates

- Microsoft Certified: Azure Fundamentals 🔗

- Microsoft Certified: Azure Data Fundamentals 🔗

- Google Cloud Fundamentals: Core Infrastructure 🔗

Extra Curricular

Vice President, *Society of Computer Science, USJP*
Dec 2021 – Dec 2022

References

Kavinda Gayashan,
Senior Technical Lead, Creative Software
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