Vinayak Kumar

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◐ Experience

Sharkpay Solutions   Aug 2023 – Present
Software Engineer - contract role

> Working on migration of the existing web platform from LAMP to MERN stack.

> Setting up cloud infrastructure, leveraging AWS services, ensuring the platform's readiness for further growth.

> Containerizing the application setup using Docker.

LinkedIn   Feb. 2020 – May 2022
Site Reliability Engineer

> Developed an automated system for detecting and remediating services running on unhealthy hosts, improving system reliability.

> Implemented an automated platform for generating monitoring dashboards for new services and endpoints, enhancing service visibility, operational efficiency, and developer productivity.

> Developed a Flask and Bootstrap-powered web platform to automate the review and approval process of production server access requests, saving developer time and improving collaboration efficiency.

> Led the onboarding of new services, including conducting design reviews, managing production ramps, and setting up documentation and monitoring, reducing onboarding time by 50%.

> Responsible for resiliency and performance of LinkedIn Events, LinkedIn Groups and various other consumer-facing applications at LinkedIn.

Amazon   Feb. 2019 – July 2019
Software Developer Intern

> Worked on the Cart and Checkout stream for the Amazon Fresh program launch in India, utilizing Java, Spring and Perl.

> Developed a Java service to mitigate reselling order abuse, now implemented across the majority of listed products on Amazon Fresh India.

> Engineered the backend infrastructure to establish a MOV threshold, facilitating free delivery for Amazon Fresh.

> Resolved critical UI bugs affecting delivery time slots on the Amazon Fresh checkout page, enhancing user experience.

⚙ Skills

Experienced Python, Docker, Kubernetes, Terraform, Ansible, Prometheus, AWS, Bash, Jenkins

Certifications Certified Kubernetes Administrator, Certified Kubernetes Application Developer

Familiar Javascript, Django, Flask, NodeJS, Express, React, ArgoCD, ElasticSearch, Postgres, MongoDB, Grafana

⚗ Projects

Zwiggy

> Built React frontend using context API, along with React-Redux toolkit for state management and used Tailwind for CSS.

> Incorporated live Swiggy API to display real restaurant data and menus, for dynamic content retrieval.