

# 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

## Education

### Manav Rachna University

2015 – 2019

*Bachelor of Technology - Computer Science and Engineering GPA: 9.64*

- Vice-Chancellor's gold medal recipient for Academic Excellence