Umang Parmar

umangjparmar@gmail.com │ +918758816610 │ github.com/darklord19 │ linkedin.com/in/umang-parmar │ India

Skills

Languages
- Typescript, Go, JavaScript, Python, C

Tools and Technologies
- GraphQL, NodeJS, Kubernetes(k8s), Helm, Jenkins, Kafka, gRPC, Docker, pprof, REST, Amazon Web Services(AWS)

Databases
- MongoDB, Redis, Elasticsearch, PostgreSQL

Professional Experience

Deel, *Software Engineer*   Feb 2024 – Present
                                                                                      Remote
- Building backend systems for Deel's up and coming Learning Management solutions for Employers.
- Involved in the efforts to migrate legacy Javascript codebase to Typescript.

Lyearn, *Product Engineer*   Feb 2021 – Feb 2024
                                                                                      Remote
Orchestrated a team of 3 developers as Engineering Lead for Platform and Authorization module; elevated access control mechanisms, improved developer productivity and increased platform performance and resiliency.

- Designed and implemented a document-level access framework with Role Based Access(RBAC) and Attributes Based Access(ABAC) Control.
- Decreased release time by 90% through automation of the production release process, and minimizing the potential for human error.
- Achieved a 15% reduction in infrastructure costs by transitioning from expensive SaaS products to self-hosted solutions.
- Led the migration efforts to upgrade EOL libraries and infra components to improve security and performance by 5%.
- Developed a code generation tool to scaffold new service or business entity and reduced time to initial delivery for new features by 80%.
- Implemented Jira integration to synchronize issues with the OKR module, resulting in a 15% boost in feature adoption.
- Enhanced platform observability through cron monitoring and performance profiling, resulting in a 60% decrease in untimely cron execution issues and a 10% performance boost.
- Introduced an on-call system, setting up key procedures for better incident management and cutting issue resolution time by 30%
- Managed operational tasks to to maintain SOC2 and GDPR compliance.

Juniper Networks

Software Engineer   Aug 2019 – Feb 2021
                                                                                 Bangalore, India
- Worked on VLAN/VxLAN and L3 Routing protocols on Broadcom chipset based devices.
- Managed fleet of lab devices, network topologies and documentation for build and debug guides for team's workflows and tools.

Software Engineering Intern   Jan 2019 – Jun 2019
                                                                                 Bangalore, India
- Designed and built an automation tool with UI and CLI to monitor lab resources which helped team monitor their inventory usage and optimize usage patterns.

Debian, *Google Summer of Code*   May 2018 – Aug 2018
                                                                                      Remote
- Worked with Debian Developers and Maintainers to package essential Android SDK tools required for Android App and Custom ROM development.

Education

B.Tech (Information and Communication Technology),   2015 – 2019
Dhirubhai Ambani Institute of Information and Communication Technology   Gandhinagar, India