

Raspreet Singh

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Dwarka, New Delhi

SOFTWARE ENGINEER | BACK-END

A self-taught, performance-driven software engineer with 4 years of experience, including 2 years in the observability domain. Skilled in building scalable, high-performance applications using Python (Django) and recently expanding into DevOps, K8S, and Go. Passionate about system design, problem-solving, and anything that involves diving deep into an offering's technical core.

KEY COMPETENCIES

Python	Go	Rust (Intermediate)
Django	Keycloak	Clickhouse
DevOps	Kubernetes	AWS

PROFESSIONAL EXPERIENCE

Vunet Systems

Apr 2025 - Aug 2025

Senior Backend Developer

- Authored the back-end for Application Workbench, an observability orchestration module that allows teams to define applications by mapping heterogenous telemetry sources. This enabled unified alerting, contextual RCA, and end-to-end visibility across complex distributed systems.
- Authored OmniAgent, a custom, in-house observability agent that replaces more than 12 separate agents and allows collection of traces, metrics, and logs from every well known application type using a single binary.

Vunet Systems

Sep 2022 - Mar 2025

Backend Developer

- Implemented SSO and added support for MFA, LDAP, and ADFS integrations on our platform using Keycloak as an Identity provider/broker. Also created multiple plugins to integrate client specific authentication flows (eg. NPCI, ICICI Bank)
- Redesigned and optimized our scheduler and alerting service by migrating from Python to Go, significantly improving processing efficiency and reducing memory consumption by 46%.
- Expanded alerting capabilities by adding support for ITSM platforms like Jira and ServiceNow, streamlining incident management and improving response workflows. Developed the backend and CLI for vuLauncher, a go based application to install and monitor our helm based deployment. Designed to support both cloud and on-prem environments, with compatibility across multiple Unix-like operating systems.

XTEN-AV

Jun 2021 - Aug 2022

Junior Software Developer

- Designed and developed XDOC, a proposal creation tool built on a custom fork of the CKEditor 5 framework. Maintained and enhanced the editor by adding custom elements to streamline the creation of BOMs and seamlessly integrate AV system design components like schematics and signal flow diagrams.
 - Developed a robust web scraper that extracts product details from 17 AV vendors across 80+ categories. Built for resilience and accurate data extraction, adapting to website API changes.
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EDUCATION

BBA

Maharaja Surajmal Institute
2020