+91 8670300541 Bengaluru, Karnataka naveenkumarsangi@pm.me

Naveen Kumar

Software Development Engineer III

GitHub: nkprince007 LinkedIn: naveenkumarsangi Website: naveenkumarsangi.me

Skilled IT professional with over 6 years of software engineering experience in Cloud Engineering, Network Management and Full stack Development.

SKILLS

Backend Frameworks echo, gin (golang), Django, Flask, Node.js
Frontend / Mobile React, Angular, Vue, SvelteKit, Flutter, Cordova

Languages Python, Go, JS/TS, C/C++, Dart

Datastores Postgres+postgis, TimescaleDB, MongoDB, Redis

Services Celery, RabbitMQ

Other tools Docker, Kubernetes, Helm, Terraform, NGINX, Kong

EXPERIENCE

ColorTokens Inc. - Xcloud & Xshield NextGen teams (Cyber Security)

Bengaluru, India (Hybrid)

Member of Technical Staff - III

July 2022 — Current

- Developed Zero-Trust security scan workflow k8s clusters for Cloud Security Posture Management on AKS, EKS, GKE services
- Developed an agentless DHCP relay appliance to perform network micro-segmentation for inter-device communication
- Breaking down monolith servers (AWS EC2) into simpler microservices (Azure k8s platform)
- Actively involved in migrating away from AWS Lambda to pure golang microservices.
- · Integrating secrets management with key-rotation support using hashicorp vault on k8s microservices
- Developed docker images for microservices running in AWS EC2 instances
- Building hardened docker images (approved by IronBank) for enhanced security
- Creating a unified helm chart for fast microservice deployments and testing
- Configuring API gateway and basic/JWT auth using kong as ingress resource
- Setting up modular terraform to configure everything starting from DNS records on Cloudflare to fully manage Azure AKS
 platform, and managing AWS, GKE and Azure cloud resources used by Xcloud
- Building CI/CD pipelines for docker & helm chart builds on Azure DevOps
- Experience using multiple AWS/Azure cloud services like EKS, S3, VPC, EC2, ELB, IAM, SES, CloudWatch etc.

Auguan Ltd. (Finance Sector)

Bengaluru, India (Part-time)

Sr. Full-Stack Engineer

May 2021 — July 2021

- Building data pipelines for financial news collection from several search engines
- Redesigned interface for complex graph visualizations between entities
- Maintaining and deploying data pipelines to kubernetes

Viper Development UG [now FounderBlocks] (Multiple sectors)

Hamburg, Germany (Remote)

July 2018 — June 2022

Sr. Full-Stack Engineer

Skynet MCANISM (Ad-tracking platform)

- Improved API response times by 20 times on report generation pipelines
- Reduced database clutter with flat hypertables using time-partitioning on TimescaleDB
- Designed a reusable filtering architecture in django for report generation
- Managed container orchestration using kubernetes and deploying final applications on GCP
- · Actively participated in data recovery, production release monitoring, rollback and debugging k8s microservices on GCP
- Worked on scripts for CI/CD pipelines, database snapshots, blob storage backups and access key rotation

Pandas ZF (Human Machine Interfaces)

- · Developed a real-time IOT focused web application to collect telematics information from automobile suspension kits
- Extended the real-time data platform to provide historical ride quality information on selected roads

myndpaar.de (Mental Health / Counselling)

- · Wire-framing and building a cross platform mobile application for couples counseling in association with myndwerk GmbH
- Engaging users to perform various activities using automated push notifications
- · Added in-app payments support for monthly subscriptions

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GitMate UG (Developer tools)

Hamburg, Germany (Part-time, Remote)

Dec 2016 — July 2018

Full-Stack Engineer / Developer Tools

- · Helped in building a multilingual code linter that supports multiple languages using a single config file
- Built a linting and codesmell detection pipeline from scratch to manage continuous integration for several customers
- Designed an open-source reusable plugin architecture to link the linting pipeline to several cloud based Git-hosting services
- Worked on a duplicate issue detection plugin to identify closely matching issues on GitHub projects

Wipro Business Solutions (Internship)

Bengaluru, India

Software Engineering Intern

May 2017 — June 2017

- Designed a native Android application to manage ONVIF compliant cameras
- · Added Android Auto support to connect with rear parking cameras in automobiles

EDUCATION	
Master of Science in Computer Science, University of Illinois at Chicago Bachelor of Science in Computer Science, National Institute of Technology, Durgapur	2019 — 2021 2014 — 2018
Mozilla Open Source Support Awardee [Report]	
Mentor, Google Summer of Code	2018
Mentor, Google Code-In	2018
Mentor, Google Code-In	2017
Student, Google Summer of Code [Report]	2017
Mentor, IIT Kharagpur Winter of Code	2017
Open Source Workshops at NIT Durgapur: Admin & Mentor	2016 — 2017