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Naveen Kumar

Software Development Engineer III

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SKILLS

Frameworks	Django, Node.js, React, Angular, Vue, Svelte, Flutter, Cordova, echo (golang)
Languages	Python, TypeScript, C++, Dart, Go
Other tools	Postgres+postgis, TimescaleDB, MongoDB, Docker, k8s, helm, redis, celery, rabbitmq
Communication	English, Hindi, Telugu (native)

EXPERIENCE

ColorTokens Inc. - Xcloud team **Bengaluru, India (Hybrid)**
Member of Technical Staff III *July 2022 — Present*

- Adding support for kubernetes cloud service providers to xcloud benchmarks
- Containerizing several microservices and migrating the deployment infrastructure to kubernetes
- Set up CI/CD pipelines for said microservice builds
- Adding secrets management and rotation support for kubernetes microservices

Viper Development UG (haftungsbeschränkt) **Hamburg, Germany (Remote)**
Sr. Full-Stack Engineer *July 2018 — June 2022*

Skynet MCANISM

- 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 for report generation

Pandas ZF

- 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

- 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

Auquan **Bengaluru, India (Part-time)**
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

GitMate UG **Hamburg, Germany (Remote)**
Full-Stack Engineer / Developer Tools *Dec 2016 — July 2018*

- Helped in building a universal code linter that supports multiple languages using a single config file
- Built a linting 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 **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 2019 — 2021
Bachelor of Science in Computer Science, National Institute of Technology, Durgapur 2014 — 2018

AWARDS & ACTIVITIES

Mozilla Open Source Support Awardee 2018
Mentor, Google Summer of Code 2018
Mentor, Google Code-In 2018, 2017
Student, Google Summer of Code 2017
Open Source Workshops at NIT Durgapur: Admin & Mentor 2016 — 2017