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Naveen Kumar

Software Development Engineer III

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SKILLS

Frameworks	Django, Node.js, React, Angular, Vue, Flutter, Cordova
Languages	Python, TypeScript, C++, Dart, Go
Other tools	MySQL, Postgres+postgis, TimescaleDB, Docker, Kubernetes, Redis, celery, Rabbitmq
Communication	English, Hindi, Telugu (native)

EXPERIENCE

Member of Technical Staff III

ColorTokens Inc. - Xcloud team

July 2022 — Present
Bengaluru, India (Remote)

- 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

Sr. Full-Stack Engineer

Viper Development UG (haftungsbeschränkt)

July 2018 — June 2022
Hamburg, Germany (Remote)

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

Full-Stack Engineer

Auquan

May 2021 — July 2021
Bengaluru, India (Part-time)

- 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

Full-Stack Engineer / Developer Tools

GitMate UG

Dec 2016 — July 2018
Hamburg, Germany (Remote)

- 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

Software Engineer

Wipro Business Solutions

May 2017 — June 2017
Bengaluru, India (Intern)

- 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

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 NITDGP: Research & Presenter

2016 — 2017