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# Naveen Kumar

## Software Development Engineer III

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### SKILLS

|                      |  |
|----------------------|--|
| <b>Frameworks</b>    | Django, Node.js, React, Angular, Vue, Svelte, Flutter, Cordova, echo (golang)      |
| <b>Languages</b>     | Python, TypeScript, C++, Dart, Go  |
| <b>Other tools</b>   | Postgres+postgis, TimescaleDB, MongoDB, Docker, k8s, helm, redis, celery, rabbitmq |
| <b>Communication</b> | 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