

Sachin Kukreja

Contact: +91 - 636 237 6855

Mail: skad5455@gmail.com

Website | [GitHub](#) | [StackOverflow](#)

WORK EXPERIENCE

Spoonshot, Bangalore — Senior Software Developer

JUNE 2022 - NOV 2022

Tech Stack: Django/ReactJS

- Optimized **frontend** by 50%, trimming down and upgrading the dependencies, implementing cache service and removing dead modules.
- Implemented **feature gates**, restricting feature access through the client and the APIs on-demand.
- Developed a **chrome extension** using the existing APIs to show analytics for keywords on any page.
- Wrote a **profiling script** to measure request response times of all the APIs.

Walmart Labs, Bangalore — Software Developer III

APRIL 2019 - PRESENT

Tech Stack: Scala Play/ReactJS

- Worked as a full-stack engineer, chiefly undertaking the **lead in bug management**.
- Built 50+ (and counting) FE & BE modules, including **SSO authentication, data dashboards, background task management**, etc.
- Enhanced FE build process using **Docker containers**.
- Customized logging in the Scala Play application to **dynamically change the configuration** at runtime.

Leovy, Remote — Software Developer

2018 - PRESENT

Tech Stack: Django/ReactJS/React Native/AWS/TimescaleDB

- Set up a self-hosted TimescaleDB storing time-series IoT data on an AWS EC2 machine.
- Set up a self-hosted Grafana dashboard for multiple IoT devices on an AWS EC2 machine.
- Developed a mobile app using React Native framework, setting up item list, and detail pages, and processing payments using Stripe.
- Worked on several other projects, developing APIs and web apps.

PROJECTS

[new-papers](#)

Web app to recommend and tag research papers based on abstract.

[codechef-cli](#)

CodeChef CLI to list, show and submit competitive programming problems.

[tull-rust](#)

Teleport Your Logs with Love is an app to teleport the terminal logs to a web app literally.

DEV TOOLS (LANGUAGES, FRAMEWORKS & TOOLS)

Python, JavaScript, Typescript, Rust

Django, ReactJS, React Native, jQuery, flask, pandas, NumPy, scikit-learn, Keras, TensorFlow, transformers

MySQL, PostgreSQL, TimescaleDB

git, Jira, cron, Docker, Grafana

EDUCATION

Indian Institute of Information Technology — C.S.E., B.Tech.

2014 - 2018

7.0 / 10.0

Udacity — Data Science, Nanodegree

Feb 2021 - Jun 2021

WORK EXPERIENCE (contd.)

Polymorph, Bangalore — Software Developer

MAY 2018 - APRIL 2019

Tech Stack: Django/ReactJS/PostgreSQL

- Migrated **data analytics app to ReactJS**.
- Performance improvement in reporting BE APIs by **30%**, migrating data processing layer to Postgresql and pandas.
- Restructured **5 related projects**, resolving dependencies and cleaning up unused code.
- Improved API tests to gain code coverage from **67% to 96%**.

Truebil, Mumbai — Software Developer Intern

MAY 2017 - NOV 2017

Tech Stack: Django/ReactJS/MySQL

- Built **session and token layer authentication** workflow.
- **Refactored and cleanup** legacy modules in Django and React.
- Improved **code coverage** of both the backend and frontend from **0 to 70%**.
- Literature review on **image background removal** techniques..

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