Kushal Kumar Saha

🔗 Portfolio • Full Stack Developer

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GitHub • dev@kushalkumarsaha.com • LinkedIn

Skills

LANGUAGES
JavaScript • Python • TypeScript
HTML5 • CSS3 • SCSS • PHP

FRAMEWORKS
Angular • NextJS • jQuery • React
Tailwind • NodeJS • Express •
Django • Flask • Firebase •

DATABASES
MySQL • PostgreSQL • Redis
MongoDB • Cassandra

TOOLS
Docker • Git • NGINX • Discord.py

Hackathons

DU HACKS 3.0
24-26 Feb '24 | Online
- Made npm package to send emails, only needing API token
- *NextJS, Mongo, npm*

HACKSTREETS 2.0 | Gittify
3-4 Feb '24 | Online
- Built digital visiting card service with smart-contracts in Tezos
- *Automation, PIP, Bash, Python*

GENESIS 1.0 | ProVisits
30-31 Jan '24 | Online
- Built digital visiting card service with smart-contracts in Tezos
- *Web3, Tezos, JSLigo, Django*

Education

ST XAVIERS COLLEGE
B.Sc. Computer Science | 2020-23
CGPA: 8.51 out of 10
- Runners-up: eXabyte 2023 in web development category
- Built discord bot for Genshin API

Professional Experience

FULL-STACK WEB DEV INTERN | MakeIndias
October 2023 – April 2024 | BHU, Varanasi
- Managed a stronghold of company data, leveraging TS, Mongo and Django(backend) to ensure efficient client handling, scaling responses horizontally to meet client requirements
- Deployed and managed Ed.Line: edtech app, to scale to a user base of over 1200, leveraging cluster nodes and asyncio
- Assisted in the production of MakeIndias' official website, developing server-side logic to handle requests in PHP

Projects

ED.LINE, ED.TEACH | Multi-user edtech platform + admin panel
GitHub | December 2023 – February 2024
- Scaled and developed an edtech platform with educator side too, which scaled to a user base of 3.7k+ active users in total.
- *Django, SCSS, Firebase, Mongo, NGINX*

REVELATE | CMS for 3rd party data integration + discord bot
GitHub | November 2023 – February 2024
- Built an API-service to provide self-hosted databases for users, alongside analytics and P2P interaction.
- *Django, JS, PlanetScale, Discord.py, Docker, Railway.app*

SHOPSPHERE | Multi-vendor e-commerce application
GitHub | April 2023 – August 2023
- Developed ecomm app to support small-scale vendors locally, which performed effectively for 85+ clients and 2K+ shoppers.
- *NextJS, JSON, Supabase, Mongo, Flask*

Open-Source Contributions

REDIS LTD. | TCP connection issue resolve
GitHub | December 2023
- Built a waiting microservice to resolve Redis issue of TCP waiting.
- Shell code awaits till both TCP and user are ready

BEAUTIFISH.PY | Console decorator & Icons library
GitHub | February 2024
- Added towards v2.2.1, pushing mcvrt from global to windows scope