Shubham Kumar

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Technical Skills

Back end Development: Python ⋄ Javascript ⋄ C/C++
Front end Development: ReactJS ⋄ HTML ⋄ CSS ⋄ Bootstrap
Miscellaneous: Node.js ⋄ Django ⋄ Docker ⋄ Express

Professional Experience

Scale AI — San Francisco, California, United States (Remote)
Contract Employee via G2i — 03/2024 - Present
- Fine tuning AI model to breakdown a request and build up a solution using RLHF technique.
- Evaluated the ability of large language models to call API tools like google_maps and google_search to answer user prompts.
- **Skills:** Python3, Pandas, Numpy, Matplotlib, scikit-learn

Techstat dynamics pvt limited — Ludhiana, Punjab (Remote)
FreeLancer — 11/2023 - 02/2024
- Created Microservices to monitor and place trades using a portal
- **Skills:** Python3, Django, websocket, PostgreSQL, ReactJS, Redis, Nodejs, Nginx, Docker

Radisys Corporation — Bangalore, Karnataka
Senior Software Engineer, 5G Platform Team — 07/2021 - 11/2023
- Debugging of core files of platform products generated in production.
- Created RHEL custom ISO 72% smaller then the original one.
- Added as a mandatory reviewer to platform repositories.
- **Skils:** Object Oriented Design, High level Design, Draw.io, RHEL, Docker

Software Engineer, 5G Platform Team

- Worked on Process Monitor and System monitor Applications.
- Worked on Tuxbuild - A build tool created to build all 5g apps and create release out of it.
- **Skills:** C/C++, Bash, Python, Linux, CentOS

National Institute of Technology Karnataka — Surathkal, Karnataka
Research Scholar, Information Security — 12/2020 - 12/2021
- Research on Network-level Mitigation of Mirai Malware in IoT.
- Spreading of Mirai malware in isolated environment to understand its nature.
- Implementation of solution and its testing in isolated environment against Mirai.
- **Skills:** Python, Flask, Mysql, Docker, C, Golang, React.js, IoT, DDoS attacks

Think201 — Bangalore, Karnataka (Remote)
Software Engineer Intern, Web Application Backend Team — 09/2020 - 11/2020
- Actively involved in building backend of web application using Nodejs Technology.
- Created Model schema and API based on the requirements provided.
- **Skills:** Node.js, Typescript, PostgreSQL, MongoDB, Express, Swagger, Postman

Education

National Institute of Technology Karnataka — Surathkal, Karnataka
M.Tech(Research) in Computer Science & Engineering - Information Security — 08/2019 - 12/2022

Lovely Professional University — Phagwara, Punjab
B.Tech in Computer Science & Engineering — 09/2015 - 06/2019

Misc.

- Leetcode Profile: leetcode.com/sshubhamk1
- CTFtime profile: ctftime.org/user/76001