

Rohit Singh

github.com/RohitSingh107 | linkedin.com/in/rohit-singh-06261a22a | rohit@garudalinux.org

WORK EXPERIENCE

APPAVENGERS LABS

Software Developer Intern | 2023-01 - 2023-05

- Professionally developed Bitcoin Wallets in Rust.
- Smart Contracts in Solidity.
- APIs in TypeScript and Python.
- Researched on many new technologies.

OPEN SOURCE CONTRIBUTIONS

GARUDA LINUX

- Team Member of Garuda Linux Project.
- Contributed to tools and Configuration files.
- <https://garudalinux.org/about.html>

UGIT

- Contributed in Packaging software.
- <https://github.com/Bhupesh-V/ugit/graphs/contributors>

WEB3-HUB

- Contributed multiple Smart Contracts.
- <https://github.com/theblockchainchief/web3-hub/graphs/contributors>

SKILLS

PROGRAMMING LANGUAGES

Python • Go • JavaScript • TypeScript • C • C++
Solidity • Rust • Haskell • Bash Shell Scripting

FRAMEWORKS

Django • FastAPI • Flask • Gin • Next.js • Ether.js
web3.py • The Graph • Numpy • Pandas • Seaborn
Actix • Node.js • BeautifulSoup4

OTHER TOOLS

Linux • Git • Vim • Hardhat • Foundry • Docker
Nix • AWS • Nginx web server

DATABASES

PostgreSQL • MongoDB

EDUCATION

BACHELOR IN TECHNOLOGY

COMPUTER SCIENCE AND ENGINEERING

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
2024 | Delhi

DIPLOMA

ARYABHATT INSTITUTE OF TECHNOLOGY
2021 | Delhi

PROFILE

Practical and versatile Computer Science student with a passion for computers and engineering. Eager to learn and constantly expanding my knowledge. Proficient in programming languages, code structure, test-driven development, web performance optimization, and source control. Committed to creating efficient and robust software solutions.

RELEVANT PROJECTS

GIT STATS ENGINE

<https://github.com/RohitSingh107/git-stats-engine>

- It is a REST API developed using FastAPI in Python to analyse and generate statistics of github user repositories.

Technologies used: Python, FastAPI, Matplotlib

POLLING SYSTEM

<https://github.com/RohitSingh107/polling-system>

- Fullstack application for creating online polls.
- All data stored in MongoDB.
- MongoDB and Django application is fully containerized using Docker.

Technologies used: Python, Django, MongoDB, Docker

BLOG API

<https://github.com/RohitSingh107/blog-api>

- It is a web api which allows create and manage blogs using http requests.
- It uses OAuth 2.0 authentication.
- All blogs and users are stored in PostgreSQL db.

Technologies used: Python, FastAPI, PostgreSQL

QUOTES SCRAPER

<https://github.com/RohitSingh107/quote-scrap>

- Full Stack Application which scrapes the quotes and displays on a single web page.
- Application fully containerized in docker.

Technologies used: Python, Flask, Docker, BeautifulSoup4

CALCULUS ALGORITHMS

<https://github.com/RohitSingh107/calculus-algorithms>

- This js/ts library includes various algorithms for calculus implemented in TypeScript.
- Available at <https://www.npmjs.com/package/calculus-algorithms>

Technologies used: TypeScript, Node.js

MINING POOL API

<https://github.com/RohitSingh107/mining-pool-api>

- It is a web API using Actix framework developed in Rust.

Technologies used: Rust, Actix