

Rohit Singh

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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

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

FRAMEWORKS

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

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

BLOGGING

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

- Full Stack Application.
- Blogs store in postgresql db.
- Reproducible builds using Nix.

Technologies used: Haskell, Nix, IHP, PostgreSQL

HANGMAN

<https://github.com/RohitSingh107/hangman>

- Word guessing game.

Technologies used: Haskell, Stack

WELIDA BACKEND

<https://welida.co>

- Full Backend for Welida startup.
- JWT for authentication.

Technologies used: Python, Django, PostgreSQL

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

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