

Education

UPES

B.Tech CSE - Spl. CC&VT, GPA: 7.89

Dehradun, Uttarakhand

Aug 2018 - Apr 2022

Vinyak Vidya Mandir

State Board XII Std, Percentage: 85.85%

Amravati, Maharashtra

School Of Scholars

CBSE Class 10th, Percentage: 86.2%

Amravati, Maharashtra

Projects

Plagarism Detector

C, GCC, CMake <https://github.com/cypherBeep/Plagiarism-Detection>
A C executable which can detect percent of plagarism between two text files using different plagarism detection algorithms that use k-grams viz. KMP, Winnowing, Rabin-Karp and Naive String Matching.

Debord Bot

Javascript, Heroku, Node JS <https://github.com/cypherBeep/debord-bot>
A bot which uses puppeteer package to fetch quotes of Guy Debord from internet and store them in spreadsheets on cloud then tweet those using Twitter API at regular intervals.

Virtual Machine Translator

Javascript, Assembly, HDL <https://github.com/cypherBeep/nand2tetris>
An stack based implementation of the classic VM Translator which can translate Hack language assembly code to VM code for a 16-bit machine architecture made from scratch.

Hayek Token

Solidity, Truffle, Javascript <https://github.com/cypherBeep/Hayek-Token>
Implementation of crypto token as per ERC20 standard built on Ethereum to use as an asset in the hospitality industry and loyalty programs.

Skills and Interests

- * **Programming Languages:** Javascript (preferred), C, Java, Rust, Bash, Solidity, Lisp.
- * **Technologies and Tools/Frameworks:** Node JS, JQuery, PostgreSQL, Emacs, Linux, Distributed Systems, Git, Truffle.
- * **Technical Skills:** Software Engineering, System Administration, Backend Managment.
- * **Interests:** Decentralization Technologies, Blockchains, Ethereum Development, Cloud Computing.
- * Discovering and implementing new ideas. Give me an API and a problem and I'll figure it out.
- * I can readily learn and adapt to a new discipline, area or environmet and start pushing real results quickly.

Certificates

Build a Modern Computer from First Principles: From Nand to Tetris

Issuing Organization: Coursera

<https://www.coursera.org/account/accomplishments/certificate/ZLWJJD4NS6A3>

Software Development Processes and Methodologies

Issuing Organization: Coursera

<https://www.coursera.org/account/accomplishments/certificate/QG39TCSVBRTZ>

Introduction to Software Product Management

Issuing Organization: Coursera

<https://www.coursera.org/account/accomplishments/certificate/PH8C62QQPWP9>

Introduction to Git and GitHub

Issuing Organization: Coursera

<https://www.coursera.org/account/accomplishments/certificate/EBSSXZXK428D>

The Arts and Science of Relationships: Understanding Human Needs

Issuing Organization: Coursera

<https://www.coursera.org/account/accomplishments/certificate/ERP6V6WKVKUB>

Introduction to Psychology

Issuing Organization: Coursera

<https://www.coursera.org/account/accomplishments/certificate/WJ3RR4WXTSKM>

Achievements

Project Expo Winner Dec 2020

UPES

Won the best project award for Plagarism Detector in annual university competition.