PRITAM **HALDER**

Aspiring Software Developer
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I am an aspiring software developer specialising in frontend and backend web technologies. I love to dabble with new and upcoming web technologies and provide solutions to real world problems. Currently, I am learning Go and its design principles with gRPC framework and GraphQL technologies.

"The most damaging phrase in the language is - it's always been done this way"

TECHNICAL SKILLS

Programming Languages
Python • Go • JavaScript • C • C++ • Java

Frameworks
NextJs • ReactJs • NodeJs • Express • Selenium • Redux • GraphQL

Technologies
HTML5 • CSS3 • SASS • MySQL • MongoDB

Tools
Git • Visual Studio Code • Nginx • Docker

SOCIAL LINKS

Portfolio   : *pritamh.dev*
Github   : *github.com/poseidon-code*
LinkedIn   : *linkedin.com/pritamhalder*
Facebook : *fb.com/pritamhalder*
Telegram : *t.me/pritam_poseidon*

ACHIEVEMENTS

- Placed **2nd (2/1270)** in **StackHack 2.0** International Hackathon organised by HackerEarth.
- Placed **5th (5/2818)** in **HackCOVID 2.0** International Hackathon organised by HackerEarth.

INTERESTS

Painting • Graphics Design • Programming • Gaming Enthusiast • Music • Cars • Linux Ricing • Reading • Home Server Geek • Virtual Machines Nerd • Wallpapers Hoarder

SOFT SKILLS

- Efficient in working and adapting to new locations with new teams.
- Love to teach and help new teammates makes me confident with my skills.
- Motivated to learning and gaining corporate experience.

EDUCATION

ACHARYA PRAFULLA CHANDRA COLLEGE (WBSU)
BSc. Computer Science (Honors) | 2018 - 2021
Graduated – August 2021 | CGPA : **8.83**

KENDRIYA VIDYALAYA (CBSE)
PCM with Computer Science
Graduated – May 2018 | Percentage : **72.3%**

EXPERIENCE

HackCOVID 2.0 (Hackathon) | May 2021 – July 2021
Organisation – HackerEarth | Remote
Contest: hackerearth.com/hackcovid2
An application that allows COVID19 affected individuals/families and their caregivers to easily avail themselves of multiple services/offerings by volunteers in their vicinity or across the country.

BACKEND | JavaScript – NodeJs – Express – MongoDB – JWT – RazorPay
- Designed the entire authentication system using JWT.
- Implemented simple continuous deployment design which eased the team from deployment complexities, using Netlify and Heroku.

FRONTEND | JavaScript – ReactJs – SASS
- Laid out the initial design of page routing and data flow through components making the team prepared for implementation.
- Designed, fixed & ported website styles using SASS, providing a structured view helping with better readability.

cppsecrets.com (Internship) | October 2019 – December 2019
Designation – C++ Developer | Remote
Profile: cppsecrets.com/pritamhalder
Internship as a C++ developer, documenting and testing C++ Boost libraries. Organised and priortised work to complete assignments in a timely and efficient manner.
- Documented & implemented C++ Boost libraries, more specifically Core libraries, adding to the largest documentation of C++ libraries.
- Accumulating over 4000+ views on all the articles present on the site authored by myself.

PROJECTS

Portfolio | NextJs – Strapi – GraphQL – MongoDB – Sass
Website : pritamh.dev
Personal portfolio website designed from scratch using Next and Strapi CMS to showcase my skills and projects for potential clients.
- Made using NextJs and the data is served from Strapi CMS using MongoDB as database & GraphQL for data queries.
- Unique & simple design style, using SASS for convenience of generating multiple classes with random colors programatically.
- Complex data structuring and modification for fetched data using basic JavaScript, reducing dependencies on 3rd-party libraries.

Identicon | Go

Github : poseidon-code/identicon

Package : poseidon-code/godenticon

Cross-platform CLI program to generate identicons based on some string passed as argument and save as a PNG image. Basically, an unique image generator for identicons.

- Used Go's robust builtin image library, giving literally Zero dependency on 3rd-party code, to generate crisp PNG images with low file size.
- Used Go's platform independent cross compiling capability to build & distribute executable for different operating system architectures.
- Intuitive & documented command line interface for ease of use. Tried to establish a standard for generating identicons from hashes.

ytmp3-dl | Python – YoutubeDL

Github : poseidon-code/ytmp3-dl

A python script that uses yt-dlp to download the audio from any YouTube video/audio link concurrently and converts it to .mp3 format of high quality.

- Made using Python and yt-dlp python library for downloading YouTube audio and converting them to .mp3 using FFmpeg.
- Handled a simple terminal printing design. Packaged the complete software as an usable binary for easier usage.