

Avijeet Pandey

avijeetpandey.github.io/portfolio | avijeetpandey25@gmail.com | 8318123598

EDUCATION

LPU ,PUNJAB

B.TECH IN COMPUTER SCIENCE

Expected June 2021

LINKS

Github: [avijeetpandey](#)

LinkedIn: [avijeetpandey25](#)

HackerRank: [avijeetpandey25](#)

COURSEWORK

UNDERGRADUATE

Data Structures

Design and Analysis of Algorithms

Software Engineering

Object Oriented Programming

Operating Systems

Computer Networks

Database Management Systems

Server Side Development

Front End Web Development

SKILLS

LANGUAGES

- C++ • Javascript • Typescript
- Python(basics)

WEB TECHNOLOGIES

- HTML • CSS • SASS • Bootstrap
- NodeJs • ReactJs • MongoDB
- MYSQL • Docker(basics)

TESTING FRAMEWORKS

- Jest

DEV TOOLS

- Git & Github • AdobeXD • Postman
- WebStorm • CLion • VSCode

CERTIFICATIONS

- Google IT automation
- Full Stack Web Development
- Building NodeJs Microservices
- Linux Tools for Developers
- Responsive Web Design

INTRESTS

- Problem Solving • Teaching
- Cooking

EXPERIENCE

CUTSHORT | PROBLEM SETTER

Jul 2020 - Present | Remote

- Curated 50+ algorithmic challenges for the platform
- Curated problems related to web technologies (React , Javascript)

OPEN SOURCE CONTRIBUTIONS

MODERN-STL | JAVASCRIPT LIBRARY

Aug 2020 - Present | LINK

Developed and published **Typescript based npm package for complex geometric operations for 2-d as well as 3-d (vectors) co-ordinate system** , the library has standard data structures and algorithms implemented and ready to be used out of the box.

Link : <https://www.npmjs.com/package/modern-stl>

Utilised : Typescript, NodeJs , GIT , JEST

PROJECTS

COVID-19 TRACKER | WEBSITE

Developed a platform for tracking **Covid-19 cases across the globe** , wherein user can see the growing cases of Covid-19 daily in realtime , user can visualize the data on the google map in real time .

Link : <https://avijeetpandey.github.io/covid-tracker/>

Utilised : ReactJS, Javascript, Git

ZOOM-JS | WEBSITE

Developed an **online video conferencing platform** using NodeJs , wherein multiple users can join and interact , added support for real-time communication suport using web sockets .

Utilised : : EJS, CSS, Javascript, NodeJS , WebRTC ,GIT

MESSAGE BASED TRADING FOR FARMERS | MESSAGE - TOOL

Developed an **SMS based tool for online selling of crops for the farmers who don't have access to smart-phones** , using SMS based interaction they can sell and know the prices of crops on various markets **without internet** .

Utilised : Python

AMAZON PRICE TRACKER | CLI

Developed a **command line based tool to track and report the price of a specfied item on amazon** when the price gets drops below a certain point , the tool notifies us via e-mail

Utilised : NodeJs , Javascript , SendGrid API , GIT

ACHIEVEMENTS AND AWARDS

- Awarded **Google India** FrontEnd Scholarship .
- **5 star** rated coder in Problem solving on HackerRank.
- Awarded Most Creative idea for developing **Smart surveillance System** at **RACKATHON** organized by **RAKUTEN**, was responsible for frontend of the web application.
- **2nd** rank in autmn-hacks out of 60 teams for developing **message based trading for farmers**