

TRIJAL BHARDWAJ

Pre-Final Year Computer Science UG Student At MAIT, Delhi

@ trijalbhardwaj00@gmail.com

+91 9899998761

github.com/trijal-bhardwaj

in linkedin/trijal-bhardwaj

leetcode.com/trijalbhardwaj
(500+ Solved)

EXPERIENCE

Web-Development Intern

Jul'21 – Aug'21

Remote IN

LetsGrowMore

Worked on Two Front-End Projects :

1.Apple E-Commerce + PayPal + Twitter Clones (Front-End)

Tech Stack : HTML , CSS (FlexBox+Grid) , JavaScript (DOM Manipulation).

- Products : iPhone , MacBook Pro , AppleWatch , AirPods.
- Custom 3D View for iPhone Retail Unit Box (Using CSS Cube Transform).
- Added MacBook Lid Opening Animation & Watch + Band Selection Sliders.
- Designed Twitter : Main Page, Login Page & Feed Page (Front-End) (Fully Mobile Responsive + Dark Mode Functionality).

- Buy Now : Integrated PayPal (Front-End) Payment For Each Product.

2.React API Project : Worked on a Web-App Using create-react-app.

- Added a Functionality of 'Get Users' Button, which makes an API Call (Link) and Fetches User-Data. Also added some custom CSS Styled Components.

Teaching Assistant Intern (DSA + Web-Dev)

Jun'21 – Jul'21

Remote IN

PepCoding Education Private Limited

- Taught Data Structures + Algorithms & Front-End Web-Development as a TA to 35+ students of PepCoding Batch.
- Mentored 15+ Juniors personally and guided others by clearing their doubts and queries over online Zoom sessions.

PROJECTS

1.macOS (Project Link)

Sept'21

A Full macOS UI Clone (Front-End) With Desktop + Dock + Apps + Games.

- 15% Faster Response Time than UI shared via VNC Client/Remote Desktop.
- Tech Stack : HTML, CSS, JavaScript (DOM), CanvasAPI, IndexedDB, React.
- Features : Original macOS UI + Animations (Dock + LaunchPad + Apps Menu).
- Red, Yellow & Green Buttons To : Close, Minimize & Full Screen Any App.
- Integrated Apps : MS Excel, Camera+Gallery, WhiteBoard, Jira Ticket, Books, LinkedIn, Music Player, Calculator, Netflix, Games (CupHead, PokeMon Card).
- Various Desktop Backgrounds + Fully Compatible Dark Mode For All Apps.
- Double Tap & Triple Tap To : Reopen Minimized Apps & Close Recent Apps.

2.CoviCure (Project Link)

Jul'21

A Covid Resource Exchange & Management Website for Direct Usage By NGOs & Govt. Agencies. (In Pre-Incubation Phase With Kerala Govt.)

Tech Stack : HTML, CSS, JS, React, SocketIO, Node, Puppeteer (Automation).

- Optimized Supply Chain for Urgent Medical Essentials & Critical Items such as Availability of Nearby Willing Blood & Plasma Donors, Verified Leads, Oxygen Cylinders, Medicines, Vaccines. (Website Displays All this Data).
- Scrapped TwitterUserIDs of Willing Donors & Help-Seekers (By their Tweets using Automation) & sent them an Automated-Message containing website link.
- Website Features/Functionalities : Donors + Help-Seekers List Schema, Ambulance Booking Service, Online (Zoom-Based) Doctor Assistance, Integrated Real-Time Chat App (For FeedBack) & Report Donor/Scam Section.

3.PlaceMentor + Twitter Bot (WebScraping + Automation)

May'21

Tech Stack : JavaScript, NPM (Puppeteer & XLSX), APIs (Twitter & Spreadsheet).

- Used Automation to Scrap & Collect Data from Various Websites for Upcoming Programming Contests - clist.by , Hackathons - DevFolio & HackathonIO , Off-Campus Drives & Remote Jobs/Hirings - HackerEarth, Indeed & RemoteOK.
- Data is Displayed on the Integrated Terminal (In Tabular Form).
- Excel File is generated for each Website Scraped (Using XLSX NPM CLI Tool).
- The contents of every Excel File generated is pasted on Google Spreadsheets.
- Implemented a Twitter Bot (Through Twitter API & Google Cloud Scheduler) which Extracts Data Row-Wise From Spreadsheet & Tweets After Every 1 Min.

POSITIONS OF RESPONSIBILITY

1.Mentor - LetsGrowMore Summer of Code 21 (LGMSoc'21)

- An Open-Source Program with an Active Participation of 400+ Contributors.
- Guided Contributors for Submissions, Personally Verified Conflicts with Master Branch & Merged 7 Pull Requests (PRs).

2.Mentor - GirlScript Winter of Contributing'21 (GWOc'21)

- Taught Basics of Data Structures & Algorithms to 100+ Students.

EDUCATION

Bachelor of Technology in Computer Science & Engineering (B.Tech. in CSE)

2019 – 2023 (Expected)

Maharaja Agrasen Institute of Technology (MAIT), (GGSIU) CGPA : 9.37

AISSCE CBSE Class XII

2018 – 2019

Vivekanand Public School, Delhi

Marks - 87%

AISSCE CBSE Class X

2015 – 2016

Vivekanand Public School, Delhi

Marks - 95%

ACHIEVEMENTS

- FINALIST - Covackathon 2021 By TECHIN, IIT Palakkad out of 150+ Teams (Organised Under KERALA GOVT. STARTUP MISSION)
- WINNER - GitHub CIS Hackathon out of 50+ Teams (Code Innovation Series MAIT - Organised By IncubateIND)
- WINNER - Smart-O-Hack Hackathon out of 100+ Teams (Organized By IEEE Smart Cities - Under NSUT).
- 5* Rating - CODECHEF (Rating - 2021).
- SOLVED 600+ Coding Problems on Various Platforms. (PepCoding , LeetCode , InterviewBit , GeeksForGeeks)
- WINNER - Technothon 1.0 Hackathon out of 140+ Teams (Organised By Amity University Mumbai AUM)
- WINNER - pepHack 1 PP11 Hackathon out of 40+ Teams (Organised By PepCoding Education Pvt. Ltd.)

TECHNICAL SKILLS

PROGRAMMING LANGUAGES : C, C++, Java, JavaScript, Git

Problem Solving , Data Structures & Algorithms

WEB DEVELOPMENT (MERN Stack) : HTML5 , CSS3 ,

JavaScript , JSX , ReactJS , Bootstrap , SocketIO , NodeJS ,

MySQL , Web Scraping , Automation , Git/GitHub

CORE SUBJECTS : Object-Oriented Programming (OOPS) ,

Operating Systems (OS) , Computer Networks (CN) ,

Database Management Systems (DBMS)

PROFILES

- GitHub : trijal-bhardwaj
- LinkedIn : trijal-bhardwaj
- LeetCode : trijalbhardwaj
- InterviewBit : Tri14Bhar
- CodeForces : tri14bhar
- GFG : trijalbhardwaj14

OPEN SOURCE CONTRIBUTIONS

1.LetsGrowMore Summer of Code 21 (LGMSoc'21)

- Contributed to Project SpaceX (HTML, CSS, JS , React)
- Merged 2 Pull Requests, Worked on Header & Footer Sections & Made the Website Mobile Responsive.

2.GirlScript Foundation Uplift'21 Project (100 Days of DSA)

- Among Top 5 Performers With 23+ Pull Requests Merged.
- Contributed 120+ DSA Problems With Detailed Solutions.

RELEVANT COURSEWORK & CERTIFICATIONS

Problem Solving | Data Structures & Algorithms | Git/GitHub |

Object Oriented Programming | Operating Systems |

Database Management Systems | Computer Networks |

WebScraping | Automation | MERN-Stack Web-Development