

Divyansh Falodiya

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EDUCATION

IIIT, GWALIOR

BACHELOR OF TECHNOLOGY IN
COMPUTER SCIENCE ENGINEERING
May 2023 | Gwalior, MP

LINKS

Github : divyanshf
LinkedIn : divyanshf
LeetCode : divyanshf
CodeChef : divyanshf

SKILLS

PROGRAMMING LANGUAGES

C++ • Javascript

DEVELOPMENT

ReactJS • NodeJS • ExpressJS • EJS
MongoDB • HTML/CSS • Bootstrap
NextJS • ThreeJS • RestAPI • Typescript

TOOLS/TECHNOLOGIES

Git • Github • Latex • Blender • Heroku
Android Studio • Firebase

OTHER

Data Structures and Algorithms
Japanese Language (Novice)

ACHIEVEMENTS

- Secured **First Position** among 50+ teams as the winner of Hackrocket '22 hackathon organized by Athenasquare.
- Ranked under **Top 6** teams among 1100+ participants in Codoctoer '21.
- Successfully solved **500+** coding problems on Leetcode.
- Achieved a highest rating of **1822 (4 Stars)** on Codechef.
- Attained a global rank of **108** in August Challenge '21, **377** during Starters 46 and **457** during March Lunchtime '22 on Codechef.

COURSEWORK

Data Structures
Analysis and Design of Algorithms
Object Oriented Programming
Database Management System
Software Engineering
Graph Theory

EXPERIENCE

MERCARI JAPAN | SOFTWARE ENGINEER INTERN

Jan 2023 – Apr 2023 | Remote

- Enhanced the user experience for Mercari marketplace website, serving over 20 million users, by implementing new features and updates using **ReactJS** and **Typescript**.
- Served as an interim **Person in Charge** (PIC) for a transaction screen enhancement project, delivering successful outcomes in just **50%** of the anticipated timeline.
- Ensured code functionality and quality by implementing **Jest** tests and resolving issues with unit tests during migration from **Gatsby** to **NextJS**.

SHOPOUT INDIA | FULL STACK DEVELOPER INTERN

Oct 2021 – Jan 2022 | Remote

- Developed a live stream event feature using **Agora SDK** on a **ReactJS** frontend with **Typescript** which served 300+ users.
- Implemented realtime messaging using **Firebase** and integrated it with the live stream event.
- Upgraded the **Rest APIs** by inculcating an invoicing feature with support for realtime updates using **NodeJS** and **Firebase**, leveraging **MongoDB** as the database.

BROWNWOLF STUDIOS | FRONTEND DEVELOPER INTERN

Aug 2020 – Sep 2020 | Remote

- Created the user interface of 3+ pages for an online ticket booking system using **NextJS** and **Material UI**.
- Improved the security of the system by implementing client-side authentication using **JSON Web Tokens**.

PROJECTS

11 BUGS Github | Live

- Created an application to aid recruiters for searching talented developers by employing candidate dashboards.
- Proposed a custom algorithm to generate a cumulative candidate score from 3 different platforms (Github, Codechef and Codeforces).
- Designed **Rest APIs** for user recommendations, profile search, and user friending with **NodeJS**, **ExpressJS**, and **MongoDB**.
- Programmed the user interface for multiple pages using **ReactJS** and **Material UI**.

GRASP Github | Live

- Collaborated with a team of 2 developers to create a web application that assists users in designing a scheme for guiding custom workflows.
- Built the chat interface for the application using **ReactJS** and **Material UI**.
- Programmed the **Backend APIs** for user authentication, user connections and workflow management while utilizing **MongoDB** as the database.
- Implemented realtime messaging for connected users using **SocketIO** and secured the messages by encrypting them using **AES Encryption**.

PLAG Github

- Developed a source code plagiarism detection system in **Python** tailored specifically to C++ and Java files.
- Employed **Latent Semantic Analysis** to detect the level of plagiarism with an accuracy of nearly 70% as compared to JPlag.