Anirudh Singh

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EDUCATION

BITS Pilani KK Birla Goa Campus   CGPA 7.84
B.E. (Hons.) Electronics and Communication Engineering, M.Sc. Physics, 2024

RELEVANT COURSES

C Programming

Computational Physics using Python

Quantum Information and Computing

Microprocessor and Interfacing (using Assembly Language)

WORK EXPERIENCE

WESWAP MOBILITY SOLUTIONS   (June 01, 2021 - July 21, 2021)
Backend Developer

Using ExpressJs, developed a platform for the startup that handles the data logic for storing and movement of data from database to frontend. Implemented scalable backend for application. Also helped in designing the UI/UX of the Mobile App.

9i Digital Services   (August 01, 2021 - September 02, 2021)
Frontend Web Developer

Added token based authentication using JWT. Merged the authentication with various REST API development tools. Also wrote tests for these functions .

PROJECTS

DSA_Tracker(in development)
Full Stack Development

Using the codeforces API to track the user's progress over various popular lists of questions available. Designed the UI/UX of the Website.

Chocolate Vending Machine
A automatic machine that vends different types of chocolates.

Only coins can be used in this machine. A weight sensor is used to detect what denomination the coin is. There are buttons available for choosing among different types of chocolates. When the user selects a chocolate and enters the required amount the machine dispenses the correct chocolate.

TECHNICAL SKILLS

Languages

JavaScript, HTML/CSS, C++, Python

Frameworks/Systems

React, Express, NodeJs, MongoDB

VOLUNTEER EXPERIENCE

BITSMUN
Design Department

Made various promotional posters, articles and graphics for the department.

CERTIFICATIONS

Weswap Mobility Solutions
Naincy Jain, Project Director

OTHER INTERESTS

Design   **Music**   **Sports**

Figma, AdobeXD, Adobe Illustrator   FLStudio   Badminton, Chess