KHUSHAL GARG

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Education

B.Tech, National Institute of Technology, Jalandhar   2020 − 2024
Major in Instrumentation and Control Engineering (ECE/ICE)   *Jalandhar, India*

Class XII   2018 − 2019
Guru Nanak Dev CBSE Board   *Nabha, India*

Experience

Fastfindfirm   June 2023 - July 2023
Software Developer Intern   *Mohalli, Punjab*

Home Page Revamp | *HTML/CSS, ReactJS*
- **Redesigned and implemented** the company's homepage using React.js, improving load times and user engagement.
- **Integrated responsive design** practices ensuring seamless functionality across various devices and screen sizes.
- **Collaborated with the UI/UX team** to enhance visual aesthetics, resulting in a 15% increase in user retention.

Technical Skills

Languages: JavaScript, HTML/CSS, Python, C/C++, NodeJS
Frameworks: ReactJS, NextJS, Redux, FastAPI, Django, Flask
Databases: PostgreSQL, MongoDB, MySQL, Redis
Tools: Git, Github, Postman, Postico, TablePlus, Metabase, Jira
Well versed in: Data Structures, Object Oriented Programming, Operating System, Database Management System

Projects

Currency Converter (**HTML/CSS, JavaScript, React**)   Jan 2024
- **Employed asynchronous programming techniques** such as async/await to ensure smooth user experience during data retrieval.
- **Integrated a third-party API** using the Fetch API to fetch real-time exchange rates.
- **Designed a responsive user interface** using CSS Grid and Flexbox, ensuring seamless performance across different devices.
- **Utilized React's state and effect hooks** for efficient component re-renders and state management.

Daily Journal (**HTML, CSS, JavaScript, Node.js, Express, MongoDB**)   Jan 2023
- **Created a responsive web application** using Node.js, Express, and MongoDB.
- **Implemented RESTful API endpoints** to handle CRUD operations efficiently.
- **Designed and integrated user authentication** and authorization mechanisms to secure user data.
- **Deployed the application on Heroku** for public accessibility.

Flight Price Prediction (**Python, Scikit-Learn, Pandas, NumPy, Flask**)   Jan 2022
- **Developed a machine learning model** using Python to predict flight prices with Scikit-Learn.
- **Processed and cleaned the dataset** using Pandas and NumPy for accurate predictions.
- **Built a web interface** using Flask to interact with the machine learning model.
- **Deployed the application on Heroku**, enabling public access to the prediction tool.

Certifications

Python Data Structures - University of Michigan (Coursera) (Feb 2022)
HTML, CSS, and Javascript for Web Developers - Johns Hopkins University (Coursera) (Feb 2022)

Achievements

- **Secured 3rd Position in Debate Competition** held at NIIT Jalandhar.
- **Achieved 2nd Place** in Chess Competition held at Inter-College Tournament.