Ashutosh Kumar Roy

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SKILLS

- **Programming Languages:** C++, Python, Java, C
- **Web Development:**
  - **Front-end:** HTML, CSS, Bootstrap, jinja2, JQuery, JavaScript, Typescript, Reactjs,
  - **Back-end:** Flask, Django, Firebase
- **Database:** SQL, Sqlalchemy, SQLite, MySQL, PostgreSQL
- **Tools:** Git, Linux, Docker, REST APIs, Postman, Jenkins

EXPERIENCE

INTEL   Bangalore, India
Full Stack Developer Intern | *Certificate*   July 2022 - June 2023

- We developed a Full-stack application for the Data Center and AI group in a team of 8 members.
- It is a Web portal developed using front-end technologies like **HTML, CSS, Bootstrap, jinja template, and vanilla JavaScript** and back-end technologies like **Python Flask, SQLalchemy, and PostgreSQL**.
- The Portal represents a cross-intel initiative to drive systematic market-important workload orientation into Intel's product planning, development, and delivery.
- Influenced **250** enterprise data innovators and doubled Intel's consumption revenue to **60M** US Dollars.

PROJECTS

LIVE ChatApp | React,HTML,SCSS, Firebase, Netlify | LIVE Link | GitHub

- It provides a real-time chat feature in which users will be able to send and receive chat messages along with images. Users can also search for other users and initiate a chat with them.
- The site has a visually appealing chat interface and is responsive for PC, tablet, and mobile.
- For user authentication, **Firebase Authentication** is utilized, and **Firebase Storage** is employed for saving user profile pictures.
- **Firestore Database** is used to store authenticated user information, their friends' data, as well as chat messages among them.

QuoraClone | HTML, CSS, JavaScript, Django, PostgreSQL, Render | LIVE Link | GitHub

- An online Question-and-answer forum inspired by Quora where users can sign up, post questions, and answer them. The platform also includes features for upvoting and downvoting answers.
- The site is responsive for PC, Tablet, and Mobile.
- Implemented user authentication using Django's form authenticator.
- Designed and produced a **PostgreSQL** database on Render.com to store user profile data, question and answer data, and voting data.

GameHub | React with Typescript, HTML, ChakraUI, Vercel | LIVE Link | GitHub

- Built a front-end version of a Game API inspired by the rawg.io website, providing search functionality for games, filtering by platforms, and sorting by name, release date, popularity, and rating.
- WebApp is responsive and also provides a toggle feature between light and dark mode and is currently deployed at Vercel.

More... | Visit my Portfolio website | Portfolio

EDUCATION

National Institute Of Technology(NIT), Hamirpur, HP   July 2021 - July 2023
Masters of Technology(MTech) in Computer Science and Engineering

ADDITONAL SKILLS and ACHIVEMENTS

Educator(Youtube)
I run a YouTube channel guiding my subscribers on problem-solving and coding. Following are my courses:

- Full Stack Mastery: This course contains videos on building Projects from scratch.
- DSA Course: A course on solving easy, medium, and hard-level Data Structures and Algorithms (DSA) problems on coding platforms like LeetCode, along with in-depth concepts of problem-solving and DSA.

2x GATE Qualified

- Crack GATE CSE 2020
- Crack GATE CSE 2021