

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

Full Stack Developer Intern | [Certificate](#)

Bangalore, India
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, **Firestore Authentication** is utilized, and **Firestore 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.

EDUCATION

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

July 2021 - July 2023

ADDITIONAL SKILLS and ACHIEVEMENTS

Educator(Youtube)

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

- **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.
- **C Programming Course:** This course contains videos on basic and advanced-level C Programming language along with code.

2x GATE Qualified

- Crack GATE CSE 2020
- Crack GATE CSE 2021