

Tarun Kumar

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SUMMARY

Self-motivated Software Developer with a strong grasp of data structures and excellent problem-solving skills, aspiring to contribute to innovative solutions within a dynamic team-oriented environment. Demonstrated ability to learn quickly and efficiently tackle complex coding challenges.

EDUCATION

Bachelor of Engineering – Information Technology

Chandigarh University · Mohali, Punjab · 2025 · 7.98

Intermediate(CBSE)

Army Public School · Ahmednagar · 2020 · 78.2%

Matriculation(CBSE)

Army Public School · Ahmednagar · 2018 · 80.8%

PROJECTS

Currency Converter

Chandigarh University · [currency-converter-tarunaf07.github.io/](https://tarunaf07.github.io/currency-converter/) · March 2024 – April 2024

- Engineered a currency converter application using React.js, incorporating responsive design and real-time API calls to ensure accurate and up-to-date exchange rates for users, supporting over 150 global currencies.
- Enhanced the efficiency of API call handling by 30%, reducing response times.

X.com Sentiment Analysis

Chandigarh University · February 2024 – March 2024

- Developed an advanced sentiment analysis model for X.com, achieving an 85% accuracy rate using machine learning techniques in Python with Kaggle API datasets, leading to actionable business insights.
- Used Natural Language Toolkits to preprocess and analyze text data, enhancing the sentiment model's accuracy by 10%. Employed tools such as NLTK and Logistic Regression Model.

Metro Sarthi

Chandigarh University · github.com/tarunaf07/metro_sarthi · September 2023 – December 2023

- Engineered a Java-based program, Metro Sarthi, which calculates the shortest distance and fare for Delhi Metro trips using advanced algorithms such as BFS, DFS, and Dijkstra, enhancing route planning efficiency by 40%.
- Efficient use of Data Structures like Heaps and Graphs.

Personal Portfolio Website

Chandigarh University · January 2023 – February 2023

- Developed a personal portfolio website using HTML, CSS, and JavaScript, showcasing a diverse range of web development projects. Integrated interactive features and responsive design, resulting in a 40% increase in page engagement and optimized for both desktop and mobile platforms.

SKILLS

Technical Skills: JAVA, OOPS, Python, HTML, CSS, Javascript, ReactJs, SQL, Git GitHub

Soft Skills: Team Leadership, Collaboration, Flexibility, Problem-Solving

INVOLVEMENT

Coding Manager

Chandigarh University · Grownity · January 2024 – May 2024

Core Member

Chandigarh University · GELP(Global Emerging Leadership Program) · August 2023 – December 2023