

# Rittika Shaw

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## OBJECTIVE

To solve problems in an effective and creative manner in a challenging position in the field of software design and development. Self-motivated, highly passionate and hardworking fresher looking for an opportunity to work in an organization to utilize my skill and knowledge to work for the growth of organization.

## SKILLS AND INTERESTS

<b>Programming Languages</b>	C++, Python, Java, JavaScript
<b>Frontend Technologies</b>	HTML5, CSS3, React.js
<b>Database</b>	SQL
<b>Concepts</b>	Oops, DBMS, DSA
<b>Version Control System</b>	Git, GitHub
<b>Platform/Tools</b>	Vs Code, MS-Office, MS-Excel
<b>Soft Skills</b>	Problem-Solving, Communication, Leadership, Team Player, Time Management

## EDUCATION

<b>Narula Institute of Technology</b>	Dec 2021 - June 2025
B.Tech in Electronics and Communication Engineering	<b>Percentage: 76.3 %</b>
<b>Taki Girls' Govt. Spons. High School</b>	Aug 2019 – Aug 2021
Senior Secondary (Class XII)	<b>Percentage: 73 %</b>
<b>Victoria Institution</b>	March 2019
Secondary (Class X)	<b>Percentage: 76.14 %</b>

## CERTIFICATIONS

- **Crash Course on Python** – <https://coursera.org/verify/H7AQWMDB7GQV>
- **Data Structure** - <https://coursera.org/verify/V2CPM2QF7QK>
- **JPMorgan Chase & Co - Software Engineering Job Simulation** - <https://www.theforage.com/simulations/jpmorgan/advanced-software-engineering-r0fm>

## PROJECTS

### An Approach to Analyze The fetch Health Using Deep Learning.

- Developed neural network models to monitor and analyze data-fetch patterns.
- Employed time-series analysis and anomaly detection techniques to identify performance issues.
- Conducted feature engineering to extract and analyze critical parameters, including latency, success rate, and data integrity.
- Implemented in Python, TensorFlow with supporting libraries for data preprocessing, modeling, and visualization.

### Developing Pulse and EEG Based Technologies to Prevent Road Accidents. (on-going)

- Developed cutting-edge technologies to continuously track driver vital signs, enhancing early detection of fatigue and potential health issues.
- Implemented Arduino Ide Cloud for system control.
- Integrated advanced algorithms to analyze pulse and EEG data, providing instant alerts and interventions to prevent accidents caused by driver impairment.

## PUBLICATION

Qualified in Paper publication in [Journal for Basic Science, Volume 23, Issue 5](#) on the topic Alzheimer's Disease Brain Metabolism and Imaging: A short Review.

## HOBBIES AND INTEREST

- Travelling
- Reading Books
- Watching movies / web - series