

SHASHI KANT

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Electronic Engineering IIT (BHU), Varanasi	8.77	2024
CBSE (XII)	Sacred Heart School	90.20	2019
CBSE (X)	Sacred Heart School	95.00	2017

SKILLS

Languages: C/C++, Python, HTML/CSS, Javascript, C#, SQL.

Interests: Web Development, OOPS, OS, DSA, ML, Competitive Programming, Problem Solving.

INTERNSHIP/TRAINING

SDE Intern at Indus Valley Partners (IVP) June'23-July'23

IVP Enterprise Data Management Team (EDM)

- Focused on utilizing **Hangfire**, a background processing framework for .NET and .NET Core applications.
- Proficiently managed **SQL** and **SQLite** databases, prioritizing secure and efficient data storage.
- Contributed to React application testing using **RTL**. Additionally, I resolved tickets and addressed cross-team issues.
- **Exposure:** C#, Hangfire, .Net, .Net Core, RTL(React Testing Library), SQL, SQLite, Problem Solving.

PROJECTS

Profile Maker : A social media site using React Dec'21 - Jan'22

<https://github.com/shashikant1729/WebMci>

- Developed a Social-Media platform using **React** web framework, utilizing a **MongoDB** database for data storage.
- Site offers **user authentication**, allowing users to **sign up** and **sign in** securely, separate tab for the **admin**.
- The Weather section leverages a **Weather API** to display real-time weather information for specific cities.
- **Exposure:** Git & GitHub, VSCode, React, HTML, CSS, MongoDB, Bootstrap.

Handwritten Captcha Recognizer - Mosaic'22 Mar'22 - Apr'22

- Made a **Machine Learning** model that can recognize various handwritten characters consisting of 26 classes.
- Utilized **OpenCV** for **Image Preprocessing**, which includes noise removal and character segmentation.
- Applied *CNN-based* model for recognizing each segmented character from the given image.
- **Exposure :** OpenCV, Python, Keras, TensorFlow, Deep Learning, CNN.

StackOverflow Website Dec 2022 - Jan 2023

<https://github.com/shashikant1729/StackOverflow>

- This project includes major features of the Stackoverflow website like real-time up-down voting questions, commenting on each question and answer, authentication and routing.
- Implemented Routing using **React-router-dom**. Questions, Answers and Comments are monitored using the **MongoDB** database. Authentication for user security and privacy using **JWT** and **State Management** using Redux.
- **Exposure - React, Redux, MongoDB, NodeJs, ExpressJs, CSS, Tailwind**

POSITION OF RESPONSIBILITY

External Affairs Co-coordinator UDYAM '22 March'22 - April'22

Co-coordinator of External Affairs at Udyam'22, **Collaborated** with the publicity team and **mentored** campus ambassadors to **expand participation** and reach for UDYAM, the annual **technical fest** hosted by the Department of ECE at IIT BHU.

HONOURS AND ACHIEVEMENTS

- **Awarded** as Jagran **Genius Award** for secured good score in Higher Secondary Education.
- Secured **213 Global Rank** - CodeChef Competitive Programming Contest.
- **Qualified** for **Level 2** of **Flipkart GRiD 5.0** - E-Commerce & Tech Quiz organized by the **Flipkart**.
- **Qualified** for **Code Jam Round 2**, A Coding Competition Organized by **Google**.

EXTRA-CURRICULAR ACTIVITIES

- **Participated** in **Cassandra**, a **Data Science** competition organized by ECE IIT BHU.
- **Participated** in collection of a **Dataset** of Inertial Measurement Units for Handwritten English Alphabet [Dataset](#).

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