

SHREYANSH GUPTA

+91 7905291254 shreyanshkankane76@gmail.com [LinkedIn](#) [Github](#) [leetcode](#)

Education

Punjab Engineering College, Chandigarh

B.Tech in Computer Science & Engineering

2021 - 2025

9.05 CGPA

Work Experience

Truminds Software System

March 2024 – July 2024

Software Intern

Gurugram

- Implemented object detection for Coca-Cola products using **open-source YOLOv8** across 1,000+ social media videos.
- Automated **web scraping** scripts for **YouTube** and **Instagram** to fetch videos based on hashtags, creator URLs, and video URLs, increasing data acquisition efficiency.
- Developed **10+** data visualizations in **Grafana** with **Postgres** database, enhancing insights on data.
- Created a user-friendly interface for data retrieval and reporting using **Streamlit** and **FastAPI**.
- Built FastAPIs to initiate background processes and automation scripts, streamlining **workflow management**.

Datsol Solutions

January 2024 – March 2024

Software Intern

Remote

- Designed **WhatsApp chatbot** to manage defaulted payments, leveraging **open-source Mistral AI** LLM model.
- Engineered **personalised user interactions** by retrieving and storing user information in SQL database.
- Integrated WhatsApp with the **Turn.io** messaging platform, efficiently managing **5000+** users on **GPU enabled AWS EC2 instance**.

Projects

OMEVERSE A Gaming Platform

[Link](#)

- Tech Stack: NextJS, TailwindCSS, Socket.io, WebRTC, Express.js, Docker, Azure Web Services.
- Engineered and deployed an **online gaming platform** with over **10+ games** featuring **public/private rooms**, **video calls**, **group chats**, and **Google authentication** supporting up to **1000+** concurrent users
- Implemented **seamless video calling** and **chatting among strangers**.
- Dockerized** the entire backend ensuring an immersive user experience with a focus on scalability and reliability on **Azure Web Services**.

Parking Management System

[Link](#)

- Tech Stack: Next.js, TailwindCSS, Express.js, MongoDB, Node.js, Redux-toolkit, OpenCV, TensorFlow, scikit-learn.
- Created a **real-time dashboard** for parking management with **insights into bookings and revenues**.
- Integrated **license plate recognition** using OpenCV and Tensorflow for efficient bookings and **entry/exit control**.
- Automated booking**, **slot reservation**, and **gate control** for booked vehicles **reducing wait times by 50%**.

PathSol: A Pathlogy Software

[Link](#)

- Tech Stack: Nextjs, TailwindCSS, MongoDB.
- Designed and executed a comprehensive pathology **lab management software**, enabling seamless management of **1000+** patients & staff members, **100+** doctors, **100+** hospitals.
- Automated receipt generation** for lab test fee payments, directly **emailing the receipt**, enhancing efficiency and accuracy in financial transactions and **record-keeping by 40%**.

Social Minds: A Social Media Platform

[Link](#)

- Tech Stack: ReactJS, TailwindCSS, Express.js, MongoDB, Node.js, Redux-toolkit
- Developed a social media web application with **profile creation**, **post sharing**, & **friend addition** features.
- Designed backend & **implemented CRUD APIs** to manage profiles, posts & friends.
- Utilized **MongoDB** for efficient Posts & Profiles management resulting in a **30%** improvement in data retrieval speed.

Technical Skills

Languages: C++, Python, Java, SQL, JavaScript.

Frameworks: Node.js, Express.js, FastAPI, GraphQL, Next js, React js, TailwindCSS, HTML, CSS.

Developer Tools: MongoDb, Postgres, MySQL, Docker, Grafana, Postman, Azure, Selenium, Git.

Course Work: Data Structures and Algorithms, Object Oriented Programming, Operating System, DBMS.

Achievements and Certifications

- Amazon ML Summer School:** Accepted to Amazon ML Summer School 2023.
- Won **1st prize in IDEATHON 2.0**, a month-long hackathon conducted by PEC ACM CSS.
- Secured the **runner-up** position in **Hackadroit Hackathon 2023** (IEEE PEC) - April, 2023.
- Ranked **AIR 13565** in JEE Mains(Given by pool of 1million+ candidates across the country).
- Qualified JEE Advance**(One of the most prestigious and toughest exam of the country).

[Link](#)