

VINAMRA GUPTA

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📍 Ahmedabad - India

in [Linkedin](#)

🐙 [Github](#)

[Leetcode](#)

EXPERIENCE

SDE Intern

[Desi QnA](#)

📅 July 2023 – August 2023 📍 Mumbai, India

- Contributed to the **design and development of responsive web** pages for Desi QnA , ensuring excellent user experiences across all devices.
- Implemented robust user **authentication** and actively worked on detecting and **removing fake bots and posts**, enhancing platform Security.
- Integrated **reCAPTCHA**, strengthening website security with **Google Layer Protection**.

Frontend Intern

[UserEx Consulting](#)

📅 January 2024 – May 2024 📍 Ahmedabad, India

- Utilized React.js to build a dynamic web application with features including **image, video, PPT, and calendar viewer functionalities**.
- Contributed to developing a **healthcare-focused CRM system** using React.js, enabling efficient patient care by implementing features allowing **doctors to add patient records and treatment details**.
- Developed **interfaces for nurses to track and complete tasks based on doctor's notes**, improving overall workflow and patient management.

Full Stack Developer

[Tata Consultancy Services](#)

📅 July 2024 – Present 📍 Ahmedabad, India

- Developed and maintaining a module used to **calculate depreciation of fixed assets** using Spring Boot for backend APIs, MySQL for database management and Angular for responsive front-end interfaces
- Enhanced the client application by implementing **bulk upload functionality, resulting in a 90% reduction in user effort and time** for uploading large amounts of information.
- Implemented **JWT token-based authentication** for secure user access and utilized **Spring Cache** to enhance performance, significantly reducing API response time.
- Automated CI/CD pipelines using **Jenkins** for efficient deployment and worked in an Agile environment, contributing to sprints, code reviews, and delivering scalable, high-quality software.

ACHIEVEMENTS

- Selected in **top 15 teams** for **iHack 2023** by Infineon Technologies.
- Securing **3rd position** in 5-member team for Web Development Competition(WebAces)
- 5* at [HackerRank](#) and 3* coder at Codechef,1700+ rating at leetcode.

EDUCATION

B.Tech. (EE) - 7.37 CGPA

Institute of Technology ,Nirma University

📅 July 2020 – May 2024

Minor (CSE)

Institute of Technology ,Nirma University

📅 July 2022 – December 2023

PROJECTS

Exploratory Data Analysis

- Developed an intelligent object detection system using YOLOv8 and Darknet for real-time surveillance , **recognizing above 20 distinct object classes**.
- Integrated vehicle speed detection in CCTV** footage, utilizing YOLOv8 to calculate speeds based on object movement accurately.
- Followed the Data Science SDLC, including **data preparation, model training, and evaluation with over 72%precision and recall**.
- Fine-tuned the YOLO model for enhanced accuracy, **optimizing configurations and hyperparameters** for specific object classes
- Visualized and analyzed results using confusion matrices and precision-recall curves**, ensuring reliable performance in real-world.

FoodieWe website for Restaurant

- FoodieWe is a **Food restaurant Website** that is made using ReactJS and Bootstrap 5.
- It consists of proper **Navigation and Home, About, Services, and Contact** sections with Some CSS Animations and Properties .
- Utilized **CSS Flexbox and Grid** for efficient and flexible content positioning and alignment.

TECHNICAL SKILLS

• Programming Languages

- C++ ,Python
- Javascript,Java

• Frameworks & Libraries

- HTML, CSS,SQL
- ReactJS, Angular, JDBC
- Pandas, OpenCv, Numpy
- Bootstrap, Jquery, Angular

• Software & Tools

- VS code,Jupyter,Jenkins
- Github,Postman,Eclipse