

Navneet Gupta

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Education

VIT Bhopal University, Bhopal, Madhya Pradesh

Apr 2022 - Present

B.Tech in Computer Science & Engineering GPA: 8.40/10

Delhi Public School, Gwalior, Madhya Pradesh

Jul 2021

12th Standard (CBSE) Percentage: 90.8%

Delhi Public School, Gwalior, Madhya Pradesh

May 2019

10th Standard (CBSE) Percentage: 89.6%

Experience

GC Cloud Info System Pvt. Ltd

On-site (Lucknow)

Full Stack Web Developer Intern

Dec 2024 – Feb 2025

- **Spring Boot Framework:** Studied Spring Boot, a leading Java framework, to design and develop scalable backend systems, ensuring robust API integration and server-side logic.
- **UI/UX Development:** Built dynamic, responsive front-end interfaces using HTML, CSS, JavaScript, and modern libraries, improving user engagement by streamlining navigation and interactivity.
- **Project Lifecycle Management:** Led end-to-end development of a personal project, from requirement analysis and design to deployment, adhering to Agile methodologies and version control (Git).
- **Impact:** Strengthened full-stack development expertise, delivering a production-ready application while adopting industry best practices for code quality and documentation.

Projects

Geovision: Geographic Data Visualization Platform

- I developed a platform leveraging PostgreSQL with PostGIS to store and query GeoJSON data for rendering country boundaries on Leaflet.js maps.
- Utilized PostGIS spatial functions to generate polygons on map markers, dynamically highlighting the corresponding country.
- Implemented route optimization algorithms to calculate the shortest path by land from the user's location to a specified destination.
- **Technologies:** Java, PostgreSQL (PostGIS), JavaScript, Leaflet.js, HTML, CSS
- Enabled interactive, data-driven map visualizations with real-time filtering and responsive UI across devices.
- Optimized performance for large spatial datasets, ensuring smooth rendering and efficient query execution

Anemia Detection using Conjunctiva Images

- Achieved 93% accuracy in predicting anemia disease using CNN and 95% post-scaling with Random Forest Classifier.
- Gathered a comprehensive dataset of conjunctiva images containing 4,262 images across both anemic and non-anemic classes, ensuring data quality and integrity through preprocessing steps.
- Employed Random Forests for classification, leveraging extracted features of CNN to accurately identify anemic conditions from images.
- Secured a 96% recall rate for anemia detection using Random Forest, demonstrating robust algorithmic implementation.
- **Technologies:** Python, ML, DL, OpenCV, Keras
- Result: Detection of Anemia Using Conjunctiva Images.

Skills

- **Languages:** Python, C++, Java, JavaScript, SQL
- **Frameworks:** ReactJS, Tailwind CSS, Spring Boot, NodeJS, NumPy, Pandas, Scikit-learn, Keras, NLTK
- **Tools:** GIT, PostgreSQL, MySQL, Figma, OpenCV
- **Soft Skills:** Communication, Public Speaking

Achievements & Certifications

- Attained a 5-star rating on HackerRank in C++ and Python.
- Secured 3rd rank in the Bug Bonanza event organized by the GeeksforGeeks club at VIT
- The Bits and Bytes of Computer Networking (**Coursera**)
- SQL (Advanced) (**HackerRank**)
- NPTEL Cloud Computing (**NPTEL**)

Hobbies: Travelling, Music