

# Navneet Gupta

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LinkedIn

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## Education

**Vellore Institute of Technology, Bhopal**

Bachelor of Technology in Computer Science and Engineering (CGPA: 8.51)

Apr 2022 – Present

Bhopal, Madhya Pradesh

## Experience

**GC Cloud Info System Pvt. Ltd**

Full Stack Developer Intern (On-site)

Dec 2024 – Feb 2025

Lucknow, India

- Designed and developed scalable backend systems using Spring Boot and PostgreSQL, ensuring reliable API integration and efficient server-side logic.
- Built dynamic, responsive frontends with HTML, CSS, JavaScript, and modern libraries, improving user experience and engagement.
- Owned full-stack development lifecycle of a personal project, from requirements gathering to deployment, integrating frontend and backend modules.
- Impact: Enhanced full-stack expertise by delivering a production-ready application, adhering to best practices in code quality, scalability, and documentation.

## Projects

**Geovision: Geographic Data Visualization Platform** | Java, PostgreSQL/PostGIS, JavaScript, Leaflet.js, HTML/CSS

- Developed a mapping platform leveraging PostgreSQL with PostGIS for storing and querying GeoJSON data, enabling the display of country boundaries and location labeling on Leaflet.js maps.
- Utilized PostGIS spatial functions to generate interactive polygons on map markers, dynamically highlighting countries, and implemented algorithms for calculating the shortest land routes.
- Designed and built interactive, data-driven map visualizations with real-time filtering and a responsive user interface across devices.
- Impact: Optimized system performance for large geographic datasets, leading to a 30% faster data retrieval and a 25% quicker map rendering, significantly improving user experience.

**Anemia Detection using Conjunctiva Images** | Python, ML, OpenCV, TensorFlow, Keras

- 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.

## Technical Skills

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

**Frameworks:** Flask, ReactJS, Tailwind CSS, Spring Boot, NodeJS, NumPy, Pandas, Scikit-learn, Keras, JUnit

**Databases:** PostgreSQL, MySQL, MongoDB

**Tools & Others:** Git, GitHub, Postman, AWS, Azure, Jenkins, Figma, OpenCV, REST APIs, OAuth 2.0, JWT, MVC, Bash, Microservices

## Achievements & Extracurricular Activities

- Worked remotely with Reknig Consultants as a Software Developer Intern, enhancing UI/UX of an Odoo-based e-commerce platform.
- Attained 5-star rating on HackerRank in C++ and Python.
- Secured 3rd rank in Bug Bonanza by GeeksforGeeks Club, VIT.
- Completed *The Bits and Bytes of Computer Networking* – Coursera.
- Completed *Cloud Computing* – NPTEL.