MANISH KUMAR

ALIGARH, +91 8191994215, manish.kumar_cs23@gla.ac.in **LinkedIn GitHub**

Passionate about problem-solving, software development, and learning new technologies. Seeking to contribute my skills in data structures, algorithms, full-stack web development, and backend engineering to a dynamic and innovative team. Eager to work on scalable solutions and technology-driven applications that make an impact.

EDUCATION

Bachelor of Technology in Computer Science, *GLA University, Mathura, CGPA – 8.47*   *August 2023 - Present*

Diploma Degree in Computer Science & Engineering (HONORS) - 83.3%   *April 2020 - May 2023*

SKILLS

- **Programming Languages:** Java, Python, C, JavaScript
- **Data Structures & Algorithms:** Arrays, Linked Lists, Stack, Queue, Trees, HashMaps, Sorting, Searching
- **Frontend:** React, Redux, JavaScript, HTML, CSS, Tailwind CSS
- **Backend**: Node.js, Express.js
- **Databases:** MySQL, MongoDB
- **DevOps & Tools:** Git, GitHub, Netlify, Linux/Unix
- **Core CS Concepts:** Operating Systems, Database Management Systems (DBMS), Computer Networks
- **Emerging Technologies:** Generative AI, AI-powered code generation (GitHub Copilot, OpenAI Codex)
- **Soft Skills:** Effective communication, teamwork, leadership, problem-solving, adaptability, time management.

WORK EXPERIENCE

Devslane Pvt. Ltd, Noida   *Jun 2024 – Sep 2024*

Full Stack Web Developer Trainee

- Developed, deployed 3+ scalable web applications using React, Redux, and Node.js, improving user engagement by 15%.
- Implemented JWT-based authentication for secure user login, ensuring data privacy and security.
- Collaborated with 5 developers to design and optimize user interfaces using Tailwind CSS.

Bluestock Fintech   *Jan 2025 – Feb 2025*

Software Development Engineer (SDE) Intern

- Led the development of the **Admin Panel Analytics** section, integrating **real-time stock market data**.
- Implemented **data visualization dashboards** using Chart.js and Bootstrap 5, improving data insights.
- Enhanced user experience by refining the UI/UX, resulting in a **20%** improvement in user engagement.

Job Oriented Value-Added Course, GLA University, Mathura   *Jun 2024 – July 2024*

- Developed a **Medical Insurance Cost Prediction model** using Random Forest, achieving an **accuracy of 92%** on test data.
- Gained foundational knowledge in Machine Learning and applied algorithms to solve real-world problems.

PROJECTS

SwiftKart (E-Commerce Platform): *Project Link*

- Created a full-stack e-commerce platform using **React, Tailwind CSS, and Node.js**, with **JWT-based authentication** for secure user login.
- Integrated **MySQL** database to store user and product information, enabling seamless data retrieval and updates.
- Deployed on **Netlify** with **Git/GitHub** for version control, handling 1,000+ daily active users.

Medical Insurance Cost Prediction: *Project Link*

- Built a machine learning model using Random Forest to predict insurance costs based on key features.
- Created an interactive interface using Streamlit and deployed it for easy accessibility.

Search Your GitHub Profile: *Project Link*

- Developed a React-based web application to search and display GitHub profiles using the **GitHub API**.
- Optimized performance using **lazy loading** and **caching**, reducing load time by 30%.

Arduino Robot Car Obstacle Avoidance:

- Programmed an Arduino-powered robot car to operate autonomously, using ultrasonic sensors for real-time obstacle detection.
- Integrated sensors to enable the car to stop and steer away from obstacles automatically.

CERTIFICATIONS & ACHIEVEMENTS

- Certified as a **Full Stack Web Developer** by Devslane Pvt. Ltd.. *Certificate*
- Certified in **Machine Learning and Data Science** by Coding Blocks. *Certificate*
- Certified **Software Development Engineer Intern** – Bluestock Fintech. *Certificate*
- **Collaborative Project Development:** Contributed to developing a **comprehensive authentication system** as part of a team project at **Integraminds**, including user registration, login, Google Sign-In, and password reset functionalities.
- **Problem-solving:** Identified and solved key bottlenecks in web applications, improving performance by 30% in deployed solutions.