Aditya Kumar

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SKILLS

Languages: C++, Python, C, Java, HTML, DSA
Tools/Platforms: MongoDB, Node.js, React.js, Express.js, Power BI, MS Excel, VS Code, Git, GitHub, MySQL
Soft Skills: Problem-Solving, Project Management, Adaptability.

PROJECTS

Fitness Advisor Chatbot | GitHub   Mar' 25
- Built an intelligent chatbot providing fitness, diet, weight gain & weight loss recommendations
- Integrated Gemini API for smart and personalized responses.

Data Dashboard | MS Excel | LinkedIn   Apr' 25
- Created a professional dashboard for **10,000+ rows** using pivots, slicers, charts & automation.

Hospital Emergency Room Patient Management System | GitHub   Apr' 25
- Developed a real-time ER patient management system using **Priority Queue (Heap)** to treat high-severity patients first.
- Implemented **Linked List** for treatment history & **Binary Search** for fast patient lookup.
- Added CSV-based data persistence to save & restore patient records.
- Built a fully functional **CLI-based system** with modules for add, treat, search & view queue.
- Applied core DSA concepts: **Heap, Linked List, Binary Search, Sorting, File I/O**.

TRAINING / INTERNSHIP

Web Development Intern | Zidio.in | Certificate   Apr' 25 – May' 25
- Developed full-stack MERN applications using React, Node.js, Express & MongoDB.
- Built an Excel Analytics Platform (upload → parse → charts → export).
- Created a Blogging Platform with posts, comments, likes & admin panel.
- Implemented secure REST APIs & authentication.

Summer Training Program | W3Grads | Certificate   Jun' 25 – Jul' 25
Java and MySQL:
- Completed intensive hands-on training focused on **Data Structures & Algorithms (DSA)** and **Java programming fundamentals**.
- Gained practical experience in implementing **Linked Lists, Stacks, Queues, Priority Queues, Trees, Searching & Sorting**.
- Worked on guided assignments and real-world logic building exercises to strengthen core programming skills.
- Applied learned concepts to develop **a Hospital Emergency Room Patient Management System.**

CERTIFICATION/CERTIFICATES

- Data Structures & Algorithms **| The Angaar Batch** | Certificate   Apr' 25
- Web Design Certification **| FreeCodecamp** | Certificate   Nov' 24
- Bootcamp Certification | **Developer Student Club** | Certificate   Dec '24
- Product & Brand Management | Udemy | Certificate   Sep' 24
- NGO Internship Completion | **Rise Up Foundation** | Certificate   Mar' 24

EDUCATION

Lovely Professional University   Phagwara, Punjab
Bachelor of Technology   Aug' 23 – Present
Computer Science and Engineering; CGPA: 6.00

Jagat Narayan Lal College   Khagaul, Bihar
Intermediate   Apr' 21 – Mar' 22
PCM; Percentage: 60%

School of Creative Learning   Khagaul, Bihar
Matriculation   Apr' 19 – Mar' 20
Percentage: 60%