Aditya Kumar

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SKILLS

- **Languages**: C++, JavaScript, C, PHP, Python, Java
- **Technologies**: NodeJs, ReactJs, ExpressJs, MongoDB, PostgreSQL, NextJs, Tailwind,WebSockets,Typescript
- **Tools/Platforms**: Docker, Git, GitHub, Postman, Linux/Ubuntu, AWS, Azure, Digital Ocean, Kubernetes
- **Soft Skills**: Problem-Solving Skills, Time Management ,Team Work, Adaptability

PROJECTS

Second Brain Web App | *Github*   Aug' 25

- Built a full-stack TypeScript "Second Brain" web application with **JWT authentication** and content management using **Express** and **MongoDB**.
- Developed a responsive React frontend with routed pages, content cards, and a modal-based creation flow, utilising custom hooks for clean and modular data handling.
- Implemented complete end-to-end integration including backend services, environment configuration, and automated build/start workflows for smooth deployment.
  Tech Stack: MERN Stack, Typescript.

UrbanNest: A Property Listing website | *Github*   Apr' 25

- Developed a modern and fully responsive real estate listing frontend using **React** and **Tailwind CSS**, achieving a **95%** Lighthouse performance score.
- Designed and implemented reusable UI components such as dynamic search filters, property galleries, and map-based views to deliver an intuitive browsing experience.
- Utilised efficient state management to handle complex multi-criteria filtering, enabling significantly faster and smoother property search interactions.
  Tech Stack: ReactJs, Tailwind

GestureRun: Hand-Gesture Controlled HTML Game | *Github*   Jun' 24

- Built an interactive browser-based game using **HTML**, **JavaScript**, and **MediaPipe** that enables real-time hand-gesture–based controls without traditional input devices.
- Implemented **MediaPipe** hand-tracking pipelines to detect and process hand landmarks, allowing gestures to trigger in-game movements and actions.
- Optimised the gameplay experience by ensuring smooth webcam input handling, responsive controls, and a lightweight, fully browser-compatible design.
  Tech Stack: Javascript, MediaPipe, HTML, CSS

TRAINING

Hitbullseye (Edtech Company)   Jun' 25 – Jul' 25
Data Structure and Algorithms in C++

- Undertook a rigorous, industry-oriented training program in C++ data structures and algorithms to build strong problem-solving and optimisation skills.
- Analysed and optimised 100+ complex algorithmic problems, focusing on improving time and space complexity.
- Applied advanced data structures like Hash Maps, Heaps, and Tries to solve practical challenges.

CERTIFICATES

OCI 2025 Certified DevOps Professional | *Oracle*	Sept' 25
DSA in C++ | *Hitbullseye*	May' 25
Bits and Bites of Computer Networking | *Google*	Nov' 24
Responsive Web Design | *FreeCodeCamp*	Dec' 23
Full Stack Web Development | *Udemy*	May' 22

ACHIEVEMENTS

- **LeetCode Activity Milestone**:   Nov' 25
  Earned 50-Day and 100-Day LeetCode badges for consistent platform activity
- **LeetCode Problem-Solving Achievement**:   Jul' 25
  Solved 150+ DSA problems and earned 50-Day & 100-Day activity badges for consistent learning.
- **Finalist in LevelSuperMind Hackathon**:   Jan' 25
  Recognised as a Finalist among 23,000+ Registered Participants

EDUCATION

Lovely Professional University   Phagwara, Punjab
Bachelor of Technology   Aug' 23 – Present
Computer Science and Engineering; CGPA: 7.4

Himalaya Public School   Patna, Bihar
Intermediate   Mar' 21 – May' 23
PCM; Percentage: 67%

B.D Public School   Patna, Bihar
Matriculation   Mar' 20 – May' 21
Percentage: 76.6%