Awal Manga

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Skills

- **Full Stack Development:** React.js, Node.js, Express.js, Tailwind CSS, HTML
- **Cloud & Tools:** AWS, Azure, VS Code, Postman, Git
- **Programming Languages:** C++, Python
- **Soft Skills:** Problem-Solving, Team Collaboration, Project Management, Adaptability

Projects

Blood Donation Web App (Link)   May'25– July'25

- Engineered a scalable web-based system enabling donors and recipients to connect using blood type and regional filters.
- Implemented secure identity control with JWT to differentiate donor and administrator privileges.
- Designed an administrative panel allowing safe record inspection, sorting, and updates.
- Structured MongoDB collections through Mongoose models for optimized data persistence and querying.
  - **TechStack:** (React.js, Node.js, Express.js, MongoDB, Vercel, Render)

Weather App (Link)   Mar'24 – May'24

- Created a cross-device climate interface optimized for **mobile and desktop screens**, hosted for public usage via Netlify.
- Connected external weather services to present **4 key live metrics** such as temperature, humidity, wind flow, and conditions.
- Enhanced interaction by introducing **speech-based queries** and environment-responsive visuals that shift with conditions.
  - **Tech Stack:** (React.js, JavaScript, CSS, OpenWeather API, Netlify)

GoFood – Online Food Ordering Website (Link)   Jan'24 – Feb'24

- Constructed a MERN-powered ordering system featuring **dynamic listings, cart logic, and checkout processing**.
- Protected user sessions through **token-based authorization and hashed credentials**, ensuring secure access flow.
- Established **10+ backend endpoints** linked to MongoDB Atlas for scalable cloud-level data transactions.
  - **Tech Stack:** (React.js, Node.js, Express.js, MongoDB)

Training

Full Stack Development (MERN) – CipherSchool   Feb'25 – April'25

- Worked across **4 core technologies** to understand complete application lifecycles from database design to deployment.
- Implemented **JWT-secured authentication** and built **5+ responsive interfaces** using Tailwind utility classes.
- Tested **20+ API endpoints** through Postman while managing version control with **10+ Git commits**.

Certificates

- Azure Administrator Associate | Microsoft — March'25
- AWS Academy Cloud Architecture | AWS academy — Nov'24
- Full Stack Development (MERN) | Cipherschool — July'24
- Mastering Data Structures & Algorithms using C++ | Udemy — Nov'23

Achievements

- Organized Blood Donation Camp: — Jul'23
  Led donor coordination, managed registrations, and assisted with logistics for I Dream Too Trust.
- S1 List (Top 1-50%):
  Recognized for academic excellence and extracurricular involvement.
- LeetCode Practice:
  Solved 95+ DSA problems on LeetCode, strengthening algorithmic thinking and coding efficiency

Education

Lovely Professional University, Punjab, India   Aug'22 – 26

- B.Tech in Computer Science and Engineering (CGPA: 7.22)

St. John's Sr. Sec. School, Meerut, India

- Intermediate — Apr'21 – Mar'22
- Matriculation — Apr'19 – Mar'20