**Awal Manga**

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**Skills**

* **Programming Languages:** C++, Python, Java, SQL
* **Web Development:** HTML, CSS, React.js, Node.js, Express.js
* **Tools & Platforms:** AWS, Linux, MongoDB, VS Code
* **Soft Skills:** Problem-Solving, Team Collaboration, Project Management, Adaptability

**Projects**

**Go Food Website** Feb’25 – April’25

* Implemented user authentication with secure login and registration functionality using JWT and bcrypt.
* Integrated real-time order tracking, allowing customers to monitor their order status dynamically.
* Designed a mobile-responsive UI with React.js to ensure a seamless experience across different devices.
* Optimized MongoDB queries and indexing for faster and more efficient data retrieval, improving platform performance.
* Built a scalable backend with Node.js and Express.js, handling API requests, authentication, and data processing efficiently.

**Tech Stack:** MongoDB, Express.js, React.js, Node.js (MERN)

**Weather App with Voice Search** Jul’24– Aug’24

* Developed a weather forecasting web app using React that fetches real-time data from the OpenWeatherMap API.
* Implemented voice search functionality using Web Speech API for hands-free city weather lookup.
* Added dark mode toggle for improved user accessibility and visual comfort.
* Integrated dynamic background changes based on weather conditions for better UI feedback.
* Displayed key weather parameters such as temperature, humidity, and wind speed.
* Used local storage to maintain a list of recent searches.

**Tech Stack:** (React.js, OpenWeatherMap API, CSS, JavaScript)

**Lovely Restaurant Webpage** Jan’23 – Feb’23

* Crafted and organized interactive menu listings with clear categorization for seamless navigation.
* Implemented responsive design using HTML and CSS, ensuring optimal display across different devices.
* Enhanced user engagement by incorporating hover effects, animations, and structured item groupings for a smooth browsing experience.

**Tech Stack:** HTML, CSS

**Certificates**

* Azure Administrator Associate | Microsoft March’25
* AWS Academy Cloud Architecture | AWS academy Nov’24
* Full Stack Development (MERN) | Cipherschool July’24
* AWS Academy Cloud Foundations | AWS academy May’24
* Programming in C++: A Hands-on introduction | Coursera Feb’24
* Object-Oriented Programming | Neocolab Jan’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.

**Education**

**Lovely Professional University, Punjab, India**  Aug’22 – 26

* B.Tech in Computer Science and Engineering *(CGPA: 7.07)*

**St. John’s Sr. Sec. School, Meerut, India**

* Intermediate Apr’21 – Mar’22

**St. John’s Sr. Sec. School, Meerut, India**

* Matriculation Apr’19 – Mar’20