

# Anugrah Thomas

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## SKILLS

- **Languages:** C, C++, Java, Python, JavaScript, Rust
- **Frameworks:** React, Node.js, Next.js, Express.js, Turborepo, Hono
- **Database/Services:** PostgreSQL, MongoDB, Redis, Prisma, Drizzle
- **Tools:** Git, GitHub, Postman, Docker, WordPress, BullMQ, Socket.io, WebRTC, Redux, Swagger, Jest, AWS
- **Tech Skills:** Data Structures & Algorithms, DBMS, OS, Computer Networks, OOP, Computer Architecture
- **Soft Skills:** Time Management, Problem Solving, Team Collaboration, Quick Learner

## PROJECTS

### AgriCommerce | [GitHub](#) Apr' 25

- Engineered a responsive agriculture e-commerce platform enabling farmers to list products and buyers to browse and purchase online.
- **Implemented** secure authentication, product management, order processing, and an admin dashboard using **PHP and MySQL**.
- **Built** CRUD-based backend APIs and optimized database queries to support **1000+ product records** efficiently.
- **Designed** a mobile-first UI with **HTML, JavaScript, and Tailwind CSS**, ensuring cross-device compatibility and smooth user experience.

*Tech Stack:* HTML, JavaScript, Tailwind CSS, PHP, MySQL

### HUBB:Real-Time Collaboration Platform | [GitHub](#) Jun' 25

- Architected a real-time collaboration platform using React and Node.js, enabling instant messaging, shared workspaces, and presence indicators through **WebSocket-based** bidirectional communication.
- Optimized front-end performance by integrating secure authentication, responsive UI components, and efficient state management for **seamless real-time** interactions across clients, can handle up to 100+ clients.
- Implemented scalable WebSocket infrastructure with **Socket.io**, supporting multi-user chat rooms, live typing indicators, and low-latency event broadcasting.

*Tech Stack:* JavaScript, TypeScript, React, Node.js, MongoDB, Socket.io

## SUMMER TRAINING

### C++ OOP & DSA – CSE PATHSHALA (35+hrs) Jul' 25

- Completed hands-on training in C++, OOP, and major DSA concepts (Stacks, Queues, Trees, Graphs, Heaps, Hashing, Tries).
- Strengthened algorithmic thinking with **Greedy**, Divide & Conquer, Recursion, and **Dynamic Programming**.
- Practiced modular and clean coding using C++ STL and OOP principles.

### Project – Browser History Manager (C++ | Stack)

- Built a browser history simulator using stack operations for navigating **visit**, **back**, and **forward**.
- Applied OOP, modular structure and error-handled operations.

## CERTIFICATES

- Advance JavaScript for Coders | [eduoynix](#) Sep' 23
- Responsive Web Design | [freeCodeCamp](#) Oct' 23
- Python for Beginners | [simplilearn](#) Feb' 24
- Master Generative AI & Generative AI Tools (ChatGPT & more) | [udemy](#) Aug' 25
- Cloud Computing (IIT Kharagpur) | Certification | [NPTEL](#) Oct' 25

## ACHIEVEMENTS

### • Live Ethical Hacking Industrial Training | [Code Sprint](#) Mar' 24

**Completed** a 30+ hour Live Ethical Hacking Industrial Training focused on practical security skills.

### • JavaScript Essential Bootcamp | [Lets Upgrade](#) Aug' 23

**Completed** a 3-day JavaScript Essential Bootcamp covering core JS fundamentals and hands-on practice.

### • MERN stack Internship | [Vanillakart](#) Nov'25

**Completed** a 2-month **MERN & Wordpress** internship under Vanillakart a Subsidiary of Emvity Brushflicks Creative Hub Pvt Ltd.

## EDUCATION

### • **Lovely Professional University**

Bachelor of Technology in Computer Science and Engineering **CGPA: 7.98**

### • **S.R. Public School**

Intermediate: **Percentage: 88.2%**

### • **S.R. Public School**

Matriculation: **Percentage:72.8%**

Punjab, India  
**Aug'23 - Present**  
Uttar Pradesh, India  
**Apr'20 – Mar'22**  
Uttar Pradesh, India  
**Apr'18 – Mar'20**