

Summary

Backend-focused Software Engineer skilled in building scalable web applications using Node.js, Express.js, MongoDB, and PostgreSQL. Experienced in designing RESTful APIs, implementing secure JWT-based authentication systems, and optimizing backend performance using caching techniques. Strong foundation in Data Structures and Algorithms (150+ LeetCode). Passionate about building reliable and efficient backend systems.

Education

Shree Yogindra Sagar Institute of Technology B.Tech in Information Technology	2022 – 2026
Jawahar Navodaya Vidyalaya, Ratlam CBSE XII – 84%	2021

Technical Skills

Languages: JavaScript, TypeScript, C++, Java (Basic), Go (Basic), SQL
Backend: Node.js, Express.js, REST APIs, JWT Authentication
Frontend: React.js, Next.js, HTML, CSS
Databases: MongoDB, PostgreSQL, Redis
Tools: Git, Docker, Prisma, Postman
Core Concepts: OOPS, Data Structures & Algorithms, System Design Basics

Internship

Ypsilon IT Solutions Pvt. Ltd., Indore C++ Programming Intern	July 2022 – August 2022
<ul style="list-style-type: none">Completed intensive training in C++ covering OOPS concepts, memory management, and STL.Strengthened problem-solving skills by implementing data structures and logical programs.Wrote optimized and structured C++ code following best practices.	

Projects

Real-Time Collaborative Whiteboard Live Demo	July 2025
<ul style="list-style-type: none">Engineered real-time synchronization using WebSockets enabling concurrent multi-user collaboration.Implemented Last-Write-Wins strategy to maintain consistency across distributed clients.Optimized canvas rendering for efficient object state management.Tech: Node.js, WebSocket, PostgreSQL, Prisma, Canvas API.	
SecureConnect – MERN Authentication System	
GitHub	
<ul style="list-style-type: none">Built a full-stack MERN application with secure JWT-based authentication and protected routes.Implemented complete CRUD operations following MVC architecture.Designed RESTful APIs for user management and application logic.Secured credentials using bcrypt hashing and environment variables.Tech: MongoDB, Express.js, React.js, Node.js, JWT.	
Scalable Food Ordering Backend	
Live Demo	
<ul style="list-style-type: none">Developed scalable backend services using Go and GraphQL.Integrated Redis caching reducing database load and improving response time.Designed atomic PostgreSQL transactions to ensure data consistency.Tech: Go, PostgreSQL, Redis, Docker.	

Achievements

- Solved 150+ LeetCode problems demonstrating strong DSA and optimization skills.
- Led Student Council and managed cross-functional coordination for campus events.

Certifications

- The Complete 2024 Web Development Bootcamp** – Dr. Angela Yu (Udemy)
[Certificate Link](#)