

AKASH M

☎ 9841988847 ✉ [Professional E-Mail](#) [LinkedIn](#) [GitHub](#) [LeetCode](#)

Education

Shiv Nadar University Chennai

August 2023 – Present

Bachelor of Technology in Computer Science (Specialization in IoT)

Relevant Coursework

- Data Structures
- Algorithms Analysis
- OOP
- Operating Systems
- Software Methods
- Database Management
- Computer Network
- Computer Architecture

Projects

DevHub – Developer Community Platform | *React, Node.js, Express.js, PostgreSQL, Prisma, TypeScript, JWT, Zod, REST API* [GitHub Link](#)

- Developed a collaborative community platform with a focus on productivity and project organization.
- Enabled users to join or leave communities and participate in shared projects.
- Implemented task creation and management within projects using scalable CRUD APIs.
- Used JWT authentication with role-based access for secure user management.
- Designed scalable REST APIs and modular backend architecture for future AI and microservices integration.

E-Commerce Application | *React, MongoDB, Express.js, Node.js, REST API, Zustand, Redis(upstash)* [GitHub Link](#)

- Built an E-Commerce app with role-based access for admins (inventory) and users (cart, checkout).
- Implemented JWT authentication with access and refresh tokens for security.
- Used Redis caching to speed up token verification and product retrieval.
- Demonstrated expertise in Full Stack development.

University Management System - LMS | *Node.js, Express.js, React, MySQL, REST API* [GitHub Link](#)

- Developed an LMS with role-based access for students, teachers, and admins.
- Created dashboards for course management, student tracking, and assignments.
- Implemented secure authentication and MySQL-based data storage.

Real Time Chat Application | *Node.js, Express.js, MongoDB, React, Zustand, REST API, JWT, Socket.io* [GitHub Link](#)

- Implemented JWT-based authentication authorization for secure user access.
- Integrated online user status tracking for dynamic presence updates.
- Managed global state efficiently with Zustand for seamless user experience.
- Ensured robust error handling on both server and client for reliability.

Technical Skills

Languages: C, C++, Java, Python, JavaScript, TypeScript

Developer Tools: Git, GitHub, VSCode, Postman, Google Cloud Platform

Technologies/Frameworks: ReactJS, NodeJS, ExpressJS, REST API, Tailwind CSS, Zustand

Databases: MySQL, MongoDB, PostgreSQL, Prisma (ORM), Redis (Upstash)

External APIs: Redis (Upstash), Cloudinary, MailTrap

Operating Systems: Linux, Windows

Certificates

Database Management with Java - [View Certificate](#)

DevOps - [View Certificate](#)

AI - [View Certificate](#)

German Language - [View Certificate](#)

Interests And Hobbies

Technical: Web Development, Artificial Intelligence, Internet of Things (IoT), Exploring and trying to be updated with new technologies.

Personal: Football, Carrom