Ankur Saini

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SKILLS

- **Primary Skills**: Node.js, JavaScript, Redis, Docker, Kafka, Express.js, MongoDB, AWS, Microservices, Django
- **Skills**: GitHub, React.js, Redux Toolkit, Postman, Postgres, C++, Java

EXPERIENCE

JanBask - IT Services & Consulting.   **July 2024 – Feb 2025**
Backend Developer Intern   REMOTE

- **Backend Development**: Developed and debugged JBP-core services using Node.js, MongoDB, Redis, Docker, Django, and AWS.
- **API Development**: Built user and company management APIs with CRUD operations using Express.js, Socket.io, and AWS Lambda.
- **Performance Optimization**: Enhanced API efficiency and integrated third-party services for scalability in Chartably Core and JBP Core project.

BR Softsol - Internship.   **Jan 2024 – May 2024**
Node.js Intern   REMOTE

Completed a Node.js internship, gaining hands-on experience in backend development, API design, and database management. Developed scalable applications while working with technologies like Express.js, MongoDB, Redis.

PROJECTS

Train Booking System (GitHub Repo Link)   **Sep 2024 – Dec 2024**
Developed a train booking app with MongoDB transactions and Redis locking for seamless concurrency handling.

Node.js: Developed a scalable backend to handle high traffic efficiently with event-driven architecture**.**
- **Redis:** Cached frequent data and implemented locking to maintain seat availability during booking**.**
- **Kubernetes:** Orchestrated deployment for scalability and high availability**.**
- **Node-Cron:** Scheduled automated data-cleaning tasks to optimize performance and maintain efficiency**..**
- **Bull MQ:** Managed OTP generation and ticket delivery using a reliable distributed message queue.
- **Arcjet**: Implemented rate-limiting, bot detection, and email validation**.**
- **MongoDB:** Stored large datasets efficiently and ensured data consistency through ACID transactions**..**

Learning Management System (GitHub Repo Link)
Developed a secure and efficient LMS with features for user management and content delivery.

- **Node.js:** Built the backend to handle scalable and high-performance server-side operations**..**
- **Express.js:** Used to create robust APIs and manage routes efficiently**.**
- **Nodemailer:** Enabled email notifications for account verification and updates**.**
- **MongoDB:** Managed large datasets and used the aggregation pipeline for generating insights and reports**.**
- **Role-Based Access Control (RBAC)**: Implemented roles like Admin, Instructor, and Student with specific permissions.

EDUCATION

IIMT University   **June 2026**
Master's of Computer Application   --   Ongoing
IIMT University   **June 2024**
Bachelor of Computer Application   --   CGPA: 7.3/10