

Gaurav

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SUMMARY

I'm an experienced Backend Engineer with 4+ years of expertise specializing in building robust server-side applications and APIs and proficient in relational database management. Adept collaborator in solving complex problems and delivering effective web development solutions.

WORK EXPERIENCE

Backend Engineer (*Al Meqbali group of companies - Dubai, UAE*)

May 2024 - Present

- Optimized legacy code by upgrading the tech stack and improved the code standard for better performance
- Profiling the code and database to find the bottlenecks and implemented caching for faster API responses
- Implemented exceptional handler to alert when there is downtime on the application
- Configured AWS S3 for cloud-based media storage and served as required
- Implemented session-based Telr payment to receive online payments through Apple Pay, and cards.
- Put in place a dedicated staging server to ensure smooth transitions from local development to production through different stages.
- Implemented Cloudflare (CF) for enhanced protection against bots and optimizing application performance by using its built-in caching feature.
- Developed a booking platform for a transport agency in the UAE, generating 10x revenue.

Backend Engineer (*Code Brew Labs. - Chandigarh, India*)

May 2023 - April 2024

- Led a team of individuals, organized daily scrum meetings with project managers for efficient task management, and achieved monthly targets before the deadline in the entire organization.
- Improved system efficiency by 85% using database internal functions reducing response time for queries, and implemented performance monitoring on the dashboard for enhanced oversight.
- Established WebSocket connection for real-time chat environment across different devices.
- Implemented video call feature using Agora WebRTC API across different devices
- Conducted client calls for product demonstrations, and training sessions to ensure client satisfaction and valuable feedback.

PROJECTS

Hatta Food Hub

[Link](#)

I'm working on a delivery app project. It's all about making life easier for users who don't want to run around town for groceries, takeout, or meds. We're using a mix of Laravel for the backend API, React Native for the mobile app, and Node.js with Socket.io for real-time order tracking. The app's pretty clever - it figures out which driver is closest using geolocation. We've got separate dashboards for users, restaurants, drivers, and admins. Each one's tailored to what they need to see and do. I'm particularly proud of the payment integration - we're using Telr to handle transactions securely.

Booking Platform

[Link](#)

I built a ticket booking system for a transport company in Dubai. It lets them sell tickets across their branches in 3 Gulf countries. I used Laravel for the backend and React.js for the front end, with MySQL handling the database stuff. It manages different user roles - like admins, branch managers, and ticket agents. This makes it easy to keep track of revenue, users, bookings, routes, and seat availability.

EDUCATION

Bachelor of Computer Science & Engineering, **Rayat Bahra University**

July 2018 - May 2021

Diploma of Information Technology, **Lovely Professional University**

Oct 2015 - May 2018

SKILLS

Technical Skills

Go, PHP, Laravel, MySQL, JavaScript, RestAPI, Node.js, MongoDB
Ubuntu, Git, WebRTC, Redis, S3 Bucket, Docker, CloudFlare, GCP, Queue

Soft Skills

Communication, Problem-solving, Time management, Leadership

CERTIFICATION

Cyber Security

Completed a 45-day cybersecurity training program and excelled in a 16-hour penetration testing challenge, successfully penetrating 6 out of 8 machines.