HUNNY CHAUDHARY
Backend Developer
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Location - Noida

SUMMARY:

- Highly skilled backend developer with expertise in Node.js, experienced in building scalable and efficient backend solutions for mobile applications. Proficient in database management, deployment with Docker and AWS, and dedicated to delivering high-quality, innovative solutions to drive business success.

SKILLS:

- Nodejs
- JavaScript
- Typescript
- Redis
- AWS
- GCP
- Expressjs
- Sequelize
- Postgres
- MongoDb

EDUCATION:

- GL Bajaj Institute of Technology & Management Masters of Computer Applications   01/2019 - 01/2021
- IIMT Eng. College Bachelor of Computer Applications   01/2017 - 01/2019

PROFESSIONAL EXPERIENCE:

Affle

09/2021 - Present

Backend Developer
As a Backend Developer at Affle, I specialize in working with **Node.js** to build robust backend systems for mobile and web applications. My responsibilities include architecting and implementing backend functionalities, ensuring seamless communication between the frontend and backend layers, and optimizing system performance to meet high standards of scalability and efficiency.

Project Experience :

PayPenny (Fintech Application):

Role: Lead Developer
PayPenny is a cross-border money transfer application facilitating seamless transactions between foreign countries and India.

Key Responsibilities:

- Architected the backend system using Node.js, Express.js, and PostgreSQL.
- Integrated third-party payment gateways such as Monoova and Token.io for wallet top-up functionality.
- Optimized database queries and implemented efficient data structures to improve performance.
- Led and coordinated a development team, ensuring timely project delivery and smooth release.
- Built a secure OTP-based authentication system using Redis for caching and faster validation.
- Designed scalable APIs to handle high transaction volumes and ensured the reliability of financial transactions.

Technologies Used:

- **Node.js**: Developed RESTful APIs and core business logic.
- **Express.js**: Implemented scalable and robust API architecture.
- **PostgreSQL**: Managed and optimized relational data storage using Sequelize ORM.
- **Redis**: Utilized for caching and OTP verification to improve system performance.
- **Sequelize**: Structured the database and handled complex queries with ORM.
- **Third-Party Gateways**: Integrated payment gateways like Monoova and Token.io to facilitate wallet funding.

Excelr (E-learning Platform):

Role: Senior Developer
Excelr is an educational platform similar to Udemy, offering a wide range of courses, live sessions, and recorded content.

Key Responsibilities:

- Architected and developed a monorepo structure to handle multiple services and functionalities.
- Implemented core features like course purchasing, batch enrollment, live session recordings, attendance tracking, and test result management.
- Integrated third-party services like Zoom for live session scheduling and Vimeo for video content uploads.
- Built and maintained the complete course lifecycle, including activity tracking such as video view analytics, quiz submissions, and course completion.
- Ensured scalability and performance through efficient database architecture and caching mechanisms.
- Optimized the platform for high traffic with a focus on real-time data synchronization for live sessions and attendance management.

Technologies Used:

- **Node.js**: Developed RESTful APIs and backend logic for e-learning functionalities.
- **Express.js**: Utilized for building scalable APIs to handle high user traffic.
- **PostgreSQL & MongoDB**: Designed efficient, scalable databases to store user activity, course details, and attendance records.
- **Redis**: Implemented caching for faster load times and optimized user activity tracking.
- **Sequelize**: Used for ORM to manage relational data efficiently.
- **Third-Party Integration**: Zoom for scheduling live sessions and Vimeo for uploading and managing video recordings.

IES Master (E-learning Platform):

Role: Lead Developer
IES Master is an educational platform offering a variety of courses with live sessions, recorded videos, and assessments.

Key Responsibilities:

- Developed and maintained the backend architecture to manage course enrollments, live sessions, and content uploads.
- Implemented core functionalities such as batch management, course purchasing, and live session handling.
- Integrated Zoom for real-time class scheduling and Vimeo for video content management, ensuring seamless user experience.
- Developed features for quiz management, result tracking, and user activity monitoring to enhance course engagement.
- Focused on performance optimization, ensuring that high traffic sessions were handled smoothly, especially during live classes and video streaming.
- Built features for attendance tracking and ensuring accurate data capture for academic activities.

Technologies Used:

- **Node.js**: Built backend services to manage courses, sessions, and user activities.
- **Express.js**: Created robust APIs to support platform scalability and high user interaction.
- **PostgreSQL & MongoDB**: Implemented relational and non-relational databases to manage both user data and course content efficiently.
- **Redis**: Used for caching frequently accessed data to boost performance during high-traffic sessions.
- **Third-Party Integrations**: Zoom for live session scheduling and Vimeo for storing and streaming video content.

STRENGTHS:

- **Backend Architecture & API Development**
  Proven expertise in designing scalable and efficient backend systems using Node.js and Express.js for high-traffic applications like PayPenny, Excelr, and IES Master.
- **Payment Gateway Integration**
  Extensive experience in integrating secure payment gateways such as Monoova, Token.io, and PayPal to handle financial transactions seamlessly in fintech applications.
- **Third-Party Service Integration**
  Strong skills in integrating third-party platforms such as Zoom for live sessions and Vimeo for video management, enhancing the functionality of e-learning platforms.
- **Database Optimization & Management**
  Proficient in managing and optimizing relational (PostgreSQL) and non-relational (MongoDB) databases, ensuring data integrity, query optimization, and high performance.
- **Performance Tuning & Caching Solutions**

Expertise in performance tuning through the use of Redis for caching, enabling faster response times and handling large-scale user activity efficiently.

- **Leadership & Team Collaboration**
  Successfully led and coordinated development teams to deliver projects on time, ensuring smooth collaboration across multiple functionalities and services.
- **Cloud & DevOps Skills**
  Experienced in deploying and managing applications on cloud platforms such as AWS and GCP, ensuring scalable, secure, and highly available systems.