SHIVAM MAKWANA

Software Developer

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Summary

Versatile and results-driven Backend Developer with around 3.5 years of experience, specializing in Node.js backend architecture and database management. Proven expertise in building scalable and high-performance applications using Node.js, Express.js, NestJS, MySQL (Sequelize ORM), and PostgreSQL, MongoDB. Experienced in both backend development and database design, delivering robust and efficient solutions. Also worked on frontend technologies like Angular for API integration.

Experience

Creative Hustle
Sep 2025 - Oct 2025

Software Developer

- Contributed to the **SmartBallot**, an election and polling API platform.
- Developed RESTful APIs using **Node.js**, **Express**, and **TypeScript**, with **MongoDB** and Redis integrations.
- Implemented cron-based background jobs for scheduled tasks and **optimized** server performance.
- Managed environment setup and API configuration using modular architecture.
- Collaborated with a remote team to ensure **scalable** and **secure** backend delivery.

Agile Infoways
Jan 2024 - Mar 2025

Software Developer

- Collaborated with cross-functional teams to build and maintain robust, high-performance APIs.
- Developed efficient data models and database interactions, reducing latency and improving data processing speed.
- Gained knowledge of **CI/CD pipelines**, including **Docker and GitHub Actions**, to streamline deployment processes.
- Designed and optimized **database schemas**, reducing query execution time by **30%**.
- Worked in an Agile environment using Jira for sprint planning, backlog refinement, and task tracking. Actively participated in Scrum meetings, ensuring smooth development cycles and timely deliveries.

iSyncEvolution Pvt
Jan 2022 - Nov 2023

Software Developer (Backend Focus)

- Designed and developed scalable backend systems using Node.js and MySQL(Sequelize ORM).
- Collaborated with frontend developers and designers to align API functionalities with user experience.
- Developed real-time features using **WebSockets (Socket.IO)** for interactive applications.
- Led code review sessions and mentored junior developers to maintain high coding standards.

Skills

- Node.js, JavaScript, Express.js, PostgreSQL, NestJS, TypeScript, Angular, MongoDB, MySQL, Prisma ORM , Project Management, Redis, RESTful APIs, GraphQL, Socket, Git, Postman, Microsoft Teams Apps, Swagger, OAuth 2.0, JWT Authentication

Projects

SmartBallot

- Built a TypeScript-based backend for an election and polling system.
- Implemented Express routes, Mongoose models, and Redis caching for performance.
- Designed modular services for authentication, data handling, and background cron jobs.
- Integrated configuration and environment variables for production-ready deployment.
- Tech Stack: Node.js, TypeScript, Express, MongoDB, Redis, JWT, Cron Jobs.

InstaClaus

- Built and maintained the backend architecture using **NestJS and PostgreSQL** for a **financial web platform** offering zero-interest employee loans.
- Implemented **secure role-based** logic where admins set lending terms, employers distribute loans, and employees receive them — all backed by agreement-driven workflows.
- Developed robust RESTful APIs with **JWT-based authentication and KYC** user verification, ensuring secure and compliant onboarding.
- Integrated **CSV/Excel** uploads, email communication using **Nodemailer**, and document storage via AWS S3.
- Followed **Agile methodologies (Jira, sprints, daily standups)** and collaborated closely with the Angular frontend team to ensure smooth integration.
- Optimized DB interactions using **TypeORM, added rate-limiting & validation with Throttler** & **class-validator**, and built **test coverage using Jest.**

Yo PlayBook

- Developed a **scalable backend** using **Node.js** and **MySQL (Sequelize ORM)** for managing sports teams and player profiles.
- Built a **role-based access system** enabling coaches, players, and parents to collaborate efficiently.
- Integrated a **social media module** allowing users to post achievements with **photos, videos, and multi-image uploads**.
- Designed and implemented an **e-commerce marketplace** where users can buy sports gear and accessories.
- Engineered dynamic content delivery for personalized user experiences based on team roles and interactions.
- Optimized backend performance by improving **API response times** and ensuring seamless data retrieval.

Inku - Business Networking Platform

- Engineered **scalable backend solutions using Node.js** and enabling users to **search and post job vacancies** while facilitating **user-to-user chat**.
- Built a social media module where users can **upload posts with photos and videos to share** updates.
- Designed and implemented secure **REST APIs** using **Node.js and MySQL (Sequelize ORM)** for seamless data management.
- Integrated **JWT-based authentication** to ensure secure user access and data protection.
- Optimized database queries and API performance to **enhance system scalability and efficiency**.

Education

GLS University Master of Computer Applications CGPA - 6.2	Ahemdabad July - 2021
CZMG-BCA Collage Bachelor of Computer Applications CGPA - 5.88	Jamnagar Mar -2019