Vineet Kumar Chaturvedi
+91-8602851985
chaturvedivineet2910@gmail.com

Professional Summary:

- Passionate Software Engineer with over 2.8 years of experience specializing in Node.js development.

- Proficient in scalable backend architectures, API development, and database management.

- Skilled in modern web technologies: Knex.js, MySQL, Express, JavaScript, unit testing (Jest), and API documentation (Swagger).

- Expertise in SQL query optimization, schema design, raw SQL queries, and real-time communication using Socket.IO.

Technical Skills:

- **Programming:** JavaScript, SQL

- **Frameworks:** Node.js, Express.js

- **Databases:** MySQL, MongoDb

- **Tools:** Jest, Swagger, Git, Postman, Knex.js

- **Other Expertise:** EJS Templates, AJAX, CKEditor, Joi, ajv, Socket.IO

Work Experience: Software Engineer | Mindiii Systems Pvt. Ltd. | July 2022 - March 2025

- Built optimized APIs with Node.js and Knex.js for seamless data interaction.

- Designed robust database schemas and foreign key relationships in MySQL.

- Integrated CKEditor for content management in applications.

- Developed EJS-based templates and implemented dynamic form validation using AJAX, Joi, and ajv.

- Enabled real-time features and communication using Socket.IO.

Key Projects:

- **Business Category Management:**

    - Designed a MySQL database schema for managing business categories and relationships.

    - Created modular and reusable APIs for managing categories and associated entities.

- **Dynamic Form Validation:**

    - Developed validation rules using Joi for complex forms, ensuring compliance with specific input formats.

- **Order Processing System:**

  - Engineered a database structure for an orders table, handling real-time updates and payment integration.

- **Real-Time Chat Application:**

  - Implemented real-time communication using Socket.IO for instant messaging and notifications.

Education:

- **Bachelor of Computer Applications (BCA)** | Makhanlal Chaturvedi University, Bhopal

- **Master of Computer Applications (MCA)** | Rajiv Gandhi Proudyogiki Vishwavidyalaya

Accomplishments:

- Successfully migrated Knex configuration into a project-level config file, streamlining environment setup.

- Developed regex solutions for advanced input validations, including custom duration and numeric patterns.

Personal Details:

- **Date of Birth:** 29/10/1997 | **Nationality:** Indian | **Location:** Indore

- **Languages:** Hindi, English

Hobbies and Interests:

- Exploring new backend frameworks and database technologies.

- Writing technical blogs and contributing to open-source.