

Vaneet Kumar

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TECHNICAL KNOWLEDGE

Programming Languages: JavaScript, TypeScript, HTML5, CSS3, Bootstrap, Tailwind CSS

Tools: VS Code, Postman, PhpMyAdmin, GitHub, GitLab, Bitbucket, Swagger, Xampp

Databases: MySQL, PostgreSQL, MongoDB, Sequelize (ORM), Redis

Technology and Framework: React, Node.js, Express.js, Socket.io

Design Tools: Figma, Adobe Photoshop

Cloud Services: AWS (EC2, S3, RDS), Firebase, Google Cloud, Serverless

Additional Technologies & Tools: Nodemailer, Twilio, Stripe, Mollie, Paypal, Razorpay, Square, MS Suite, Docker

EXPERIENCE

Software Engineer

08/23 – Present

CQLSYS Technologies Pvt Ltd, Mohali

- Developed robust backend services using Node.js, delivering scalable web applications with optimized server-side logic.
- Designed and managed the entire backend database for 7+ live projects.
- Built applications from scratch, handling all backend operations independently.
- Enhanced database efficiency by **25%** through schema optimization in **MySQL** and **MongoDB**, ensuring faster data retrieval for high-traffic applications.

Associate Software Developer

04/22 – 07/23

Applify Tech Private Limited

- Developed backend APIs using Node.js, Express.js, and Sequelize (ORM) for 3+ live projects.
- Improved API response time by **20%** through efficient coding practices and optimization.
- Integrated third-party services like **Stripe** and **Twilio** for payment processing and SMS notifications in projects.
- Collaborated with front-end developers to ensure seamless integration of APIs and optimized performance for a better user experience.

PROJECTS

Beky

- Developed an app with two key components: **Clubs** and **Users**, enabling seamless interaction between both.
- Allowed **clubs** to host events and **users** to discover parties with event details such as timing and location.
- Integrated a social media-like feature for clubs to post photos and videos, with the ability for users and other clubs to like and comment.
- Enabled users to post **photos** and **videos** on the club's timeline, enhancing community engagement.
- Integrated **Stripe** for secure **payment processing**, allowing users to book clubs for events.

Ecoupon System - QR Code Money Transfer

- Integrated Stripe API for secure, real-time payment processing in a QR code transaction system.
- Implemented real-time chat with **Socket.IO**, boosting user engagement by **20%**.
- Led deployment processes, ensuring seamless transitions from development to **Production Environments**, reducing deployment-related issues.
- Developed an admin panel for efficient coupon management, streamlining buying and selling.

Webhook AutoDeploy (EC2)

- Developed a **secure** GitHub webhook integration using **Node.js**, automating repository updates and deployment processes on EC2 instances.
- Implemented **HMAC SHA256** signature verification for secure and validated communication between GitHub and the server.
- Automated **PM2** process management and dependency updates, ensuring efficient and seamless deployment with minimal manual intervention.

Home Service Provider Platform

- Developed a scalable database for efficient data management and service bookings.
- Integrated **Stripe** for secure payment processing and seamless transactions.
- Designed an availability-based **scheduling system** to generate dynamic booking slots for providers.

Event Creation Application

- Users can create events and optionally add co-hosts and guests.
- Architected a robust backend using **Node.js, Express.js, and Sequelize ORM**, ensuring seamless interactions with **Mongo** database while maintaining high performance.
- Co-hosts and guests have permissions to upload event photos and invite others to contribute.
- Public events are visible to users in nearby locations.
- Integrated **real-time messaging** with **Socket.io**, supporting **group chats** and **one-on-one conversations**.

EDUCATION

Master of Computer Application (MCA) <i>Himachal Pradesh Univeristy</i>	2019 -2022
Bachelor of Science (BSC) <i>Netaji Subhash Chandra Bose Memorial PG College</i>	2015 -2018