

Anuj Kumar Patel

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EXPERIENCE

TECHJOCKEY INFOTECH PVT. LTD.

SDE-2 (NOV 2022 - PRESENT)

TJ-EPCRM

- Independently architected and developed TJ-EPCRM using **ReactJS, NodeJS, Express, and MongoDB**, ensuring scalability and modularity to support complex enterprise workflows.
- Designed and implemented a **Dynamic Module System** enabling real-time configuration of forms, tables, and fields directly from the CRM—removing the need for code-level updates.
- Built an interactive **User Activity Dashboard** using **Chart.js** to visualize engagement metrics and user behavior.

Tj-CRM and Vendor-CRM

- Led enhancements and ongoing maintenance of internal CRM platforms used across departments.
- Integrated third-party services including **Kaleyra, RabbitMQ**, and **MoEngage** to streamline communication and marketing automation.
- Optimized backend systems and processes to ensure seamless operation across sales and vendor management workflows.

Techjockey Website

- Improved **Core Web Vitals** by leveraging **Web Workers** and optimizing render paths, resulting in significantly faster load times.
- Developed a scalable pipeline to handle **1M+ URLs** and automated sitemap generation—leading to a **15% increase in organic traffic** within 3 months.
- Migrated critical modules from **PHP to Next.js** with a team of 2 devs, implementing **Redis caching** to boost SEO, performance, and load speed.
- Integrated **CleverTap API** and **Google Analytics** for real-time user tracking, advanced segmentation, and behavioral insights.

BYJU'S (THINK & LEARN PVT. LTD.)

ASSOCIATE SOFTWARE ENGINEER (FEB 2022 - NOV 2022)

- Automated the execution of **AWS Batch Jobs** for seamless generation of invoices and credit notes, optimizing processing time and ensuring accurate financial records.
- Optimized **MongoDB** and **PostgreSQL** queries based on query plan, reducing execution time by **93%**.

NAGARRO SOFTWARE PVT. LTD.

ASSOCIATE SOFTWARE ENGINEER (JUL 2021 - JAN 2022)

- Developed and maintained E-commerce websites using **spring boot** in **SAP Hybris**.

PROJECTS

MATRIZESURVEY (FREELANCE PROJECT) | LINK

- Developed a dashboard to analyze survey data collected from Android app.
- Designed and managed a system to handle **2,000 daily survey submissions** from **250 users**, ensuring data consistency and reliability.
- Designed **database (mariaDB)** to efficiently store and fetch data.
- Visualized **geolocation data** on a **map (leaflet)** categorized by **state and district**.

EDUCATION

BIRLA INSTITUTE OF APPLIED SCIENCES

BTECH | ECE

2017 - 2021

GBSS SCHOOL, CLASS 12TH (PCMB)

2016

SKILLS

FRONTEND

HTML, CSS, ReactJS, ChartJS, Next.js, Tailwind CSS,

BACKEND

Javascript, python, Node.js, Express.js, REST APIs, ORM(Mongoose, Sequelize, Prisma), DSA

DATABASES

MySQL, MongoDB, Redis

DEVOPS

AWS (EC2, S3, SES), Docker, Linux, Bash, Computer Networking

MESSAGING QUEUE

RabbitMQ

OTHER TOOLS

Git, Github, Docker, Postman, JWT, OAuth, Burpsuite, ChatGpt,

ACHIEVEMENTS

- Solved over **250 Data structure & Algorithm problems** on platforms like **LeetCode**, **Geeks-forGeeks**, and **CodeChef**.

- Completed **CCNA Routing and Switching** course with hands-on, lab-oriented training, gaining expertise in networking fundamentals.

- Received **Hall of Fame** from **Netflix**, **Dark-Matter**, **Planet Hoster**, **Mailgun** for identifying issues such as **server misconfiguration**, **sensitive data exposure**, and **XSS** in their systems.