

## EXPERIENCE

### Software Developer

March 2024 — Current

#### Dotsquares Technologies India Pvt. Ltd.

Jaipur (InOffice, Full-Time)

- Architected and optimized **RESTful APIs** to ensure flawless data integration between the frontend and backend, driving exceptional performance and scalability in complex applications.
- Orchestrated the integration of **Stripe subscription payment** gateways within the project, seamlessly embedding **webhooks** to monitor events and delivering precise, **real-time notifications** based on response data.
- Engineered and enforced **role-based access** controls within a comprehensive CMS portal, overseeing intricate CRUD operations, advanced pagination, dynamic searching, and precise filtering across all modules with meticulous **permission management**.
- Collaborated with a Unity gaming team to implement sophisticated **socket-based communication** within a Node.js backend, designed complex game room logic that incorporated AI-driven bot behaviors, including strategic win/loss algorithms.
- Leveraged **Git and Bitbucket** for robust version control, ensuring impeccable collaboration among cross-functional teams
- Implemented **social login integrations** with platforms such as Facebook, LinkedIn, and GitHub, enhancing user accessibility and streamlining the **authentication** process across applications.
- **Optimized and Scalable Form-Handling System** Developed an efficient form-handling system using Webpack for optimized bundling and dependency management. Integrated a real-time drag-and-drop form builder. Focused on dynamic input management, real-time validation, and consistent state handling, while optimizing performance by reducing re-renders and improving scalability.
- Executed comprehensive **API testing** and validation via **Postman**, ensuring the reliability, security, and efficiency of API interactions across diverse and mission-critical projects.
- Developed and modularized **reusable components & dynamic features** that can be seamlessly integrated across multiple projects, enhancing development efficiency and scalability.

### MERN Stack Developer(Intern)

September 2023 — February 2024

#### Regex Software Services

Jaipur (InOffice, Full-Time)

- Developed and optimized **RESTful APIs**, enhanced backend performance and scalability.
- Integrated a secure authentication and authorization system using **JSON Web Tokens (JWT)** to manage user access and permissions.

### Junior Associate-Frontend developer(Intern)

May 2023 — June 2023

#### KainSkep Solution

Jaipur (InOffice, Full-Time)

- Integrated **third-party libraries** such as Axios for API calls, improving data flow & Created dynamic, interactive user interfaces using **JavaScript (ES6+)** core concepts ,Designed and developed responsive layouts using **CSS3** while optimizing performance.

## EDUCATION

### Swami Keshvanand Institute of Technology, M & G

August 2019 — May 2023

Bachelor of Technology - Electronics and Communication Engineering - SGPA: 9.02

Jaipur, India

## PROJECTS

### Price-tracker Bot

Implemented automated price comparison by fetching product prices from Amazon and Flipkart, analyzing the data, and recommending the best deals via email notifications. Integrated email for real-time alerts on price drops and best deals.Utilized Puppeteer to control headless Chrome for web scraping product prices from Amazon and Flipkart.APIs.

### Cake Ordering-web

Developed a dynamic and interactive React website, efficiently rendering various components to create a seamless user experience. Implemented a secure authentication system using JWT, ensuring robust user security. Integrated essential features such as search and filter functionality to enhance user navigation..

## SKILLS

### Languages

C++, C, JavaScript(ES5 & ES6), HTML, CSS, TypeScript.

### Frameworks & Tools

ReactJS, React-Redux, GraphQL, NodeJS, ExpressJS, Rest APIs, WebSockets, Git, Linux, Postman.

### Databases

SQL,Sequelize ORM ,Redis, PostgreSQL.

### Others

JSON, RESTful API, git, OOP, DBMS.

## CERTIFICATES & ACHIEVEMENTS

- Participated & organised different technical events & Organized the SKIT Hackathon in College during Pravah-college fest.
- Infosys Certified Software Programmer-InfyTQ August 5th - 2023