

Sanchit Vasdev

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EXPERIENCE

Software Engineer: Rupy (Cardekho Group) – Gurgaon, Haryana **July 2023 – Present**

- Utilized Node.js and Express.js to build robust server applications, implementing user sessions, cookie parsing, and CORS for secure and scalable server-side operations.
- Integrated AWS S3 for secure and efficient fetching of 13+ cyphered images and PDFs, enhancing file management.
- Led the migration of large-scale PHP-based payments website to MERN, enhancing performance and user experience.
- Implemented advanced Redux state management for robust client-side state management, including store creation, reducers, and Redux Persist integration for data persistence.
- Enhanced CI/CD pipelines using Jenkins for automated build and deployment processes, ensuring seamless integration and delivery.
- Developed and maintained dynamic and responsive web applications using HTML5, CSS3, JavaScript (ES6+), and modern frameworks like React.js.
- Deployed containerized applications using Docker, enabling deployment across multiple environments.

Software Developer Intern: Snackmagic Vinsol – New Delhi, India **July 2022 – September 2022**

- Skilfully executed tasks leveraging Ruby's advanced features including strings, ranges, procs, lambdas, yield, and enumerators, contributing to critical project functionalities.
- Demonstrated proficiency in version control with Git, using commands such as push, pull, commit, merge, and rebase.
- Pioneered the automation of over 100 tests using Selenium and Cucumber.

Android App Development Intern: UpTodd – Noida, Uttar Pradesh -  **April 2022 – June 2022**

- Boosted user engagement by 10% through YouTube Base Activity and YouTube Player for suggested videos.
- Enhanced user experience with customized dialog boxes for new feature announcements.

EDUCATION

Maharaja Agrasen Institute of Technology – New Delhi, India **August 2019 – July 2023**

Bachelor of Technology | Computer Science and Engineering – **GPA: 9.12**

Relevant Coursework: Operating Systems, Data Structures, Algorithm Design and Analysis, Artificial Intelligence, Machine Learning, Computer Networks, Database Management Systems

SKILLS

Development Skills:	Android Development, Flutter, Web, Frontend, Backend, REST APIs, HTML, CSS, AWS Cloud
Programming Languages:	Java, Kotlin, Dart, JavaScript, Python, Ruby, C++, Typescript
Database Technologies:	SQL, MongoDB, Firebase, No SQL, Relational Database,
Frameworks and Tools:	ReactJS, Redux, Express.js, NodeJS, Next.js, Bootstrap, EJS, jQuery, Tailwind, Tableau, Flask
CS Fundamentals:	Object-oriented programming (OOP), Agile Development, Data Structures, Machine Learning
Version Control:	Git, GitHub, CI/CD (continuous integration and continuous delivery/deployment)

PROJECTS

Fully Responsive and Modern Portfolio (Next.js 13, Tailwind CSS, Framer Motion, TypeScript) **April 2024**

- Developed a fully responsive and modern portfolio website using **Next.js 13**, showcasing the latest features including the App Router and Server Actions.
- Integrated React.Email and Resend for efficient email functionality, and utilized custom **React hooks**.
- Designed and developed a multi-theme interface with light and dark modes, hosted on **Vercel** for optimal performance.

HealthZoid: Comprehensive Fitness Application (Flask, API Development, SQLite, Mobile App Development) **May 2021**

- Developed a fitness app with 10 functionalities such as calorie tracking, step counting, and workout monitoring.
- Engineered a **Flask-based API** for real-time retrieval of food nutritional data, enabling accurate calorie intake management.
- Integrated **SQLite** and shared preferences for secure storage of personal user data ensuring privacy.

Reopolis: Interactive Apartment Marketplace Web Platform (MongoDB, Express.js, User Authentication) **October 2021**

- Developed Reopolis, an interactive web platform with a responsive design using **HTML, CSS, Bootstrap, and Express.js**.
- Integrated **MongoDB** for robust data management and utilized Passport.js for secure user authentication.

ACHIEVEMENTS

- Winner of the **Leetcode Annual Badge 2023**: Achieved Annual Badge for active engagement for more than 300 days.
- Mastered over **1100 problems** on Leetcode, achieving a global rank within the top 5000.
- Selected for Wipro TalentNext program, culminating in the successful acquisition of a **Java Certification**.
- Successfully earned the **Infosys Certification**, underscoring a comprehensive understanding of industry technologies.