VARUN CHODHA

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EDUCATION

Jaypee University of Information Technology, Solan H.P.   [2019-2023] (CGPA: 8.76)

EXPERIENCE

Software Associate at Nonceblox Pvt. Ltd.   April 2023 - Present

- Built web applications using the **MERN** stack, resulting 20% improvement in page load time
- Designed and sustained **RESTful APIs using Express.js and Nest.js**, reducing latency, enhancing efficiency.
- Developed backend services and **microservices** using **Java** and **Spring Boot** frameworks
- Familiarity with **microservices architecture** and **CI/CD** pipelines.

Backend Developer at Stable (Freelance)   Jan 2023 - Nov 2023

- Ensured seamless integration of **fullstack** applications, reducing integration-related bugs by 20%
- Maintained **server-side** applications using **Nest.js** improving system performance and responsiveness by 15%.
- Successfully integrated **MongoDB databases**, optimizing data storage and retrieval process, resulting in 30% reduction in data access time

PROJECTS

Housezy ‖ *Nextjs* ‖ *Redux* ‖ *GraphQL*   Client Project

- Full-stack home solution application for both **mobile** and **web**.
- **API integration** and real-time communication features using **Twilio**.
- Designed user-friendly, **reusable interfaces**

Maker Twin ‖ *Nestjs* ‖ *Apollo Client* ‖ *Nextjs*

- Implemented user account deletion flow using **Ejs**.
- Built reusable frontend components, enhancing **modularity** and maintainability of the application.
- Implemented **social logins** and managed the session using **Redux**.

RESEARCH ARTICLE

"An ensemble learning–based experimental framework for smart landslide detection, monitoring, prediction, and warning in IoT-cloud environment"   D.O.I

SKILLS

Technical Skills	C/C++, Java, JavaScript, Data Structures, TypeScript, Node.js, Express.js, Nest.js, Spring-boot, GraphQL, MongoDB AWS, Firebase, React.js, Next.js, Redux, EJS, Git, Docker, CI/CD
Soft Skills	Problem Solving, Presentation Skills, Team Work, Leadership, Communication