

# RAKESH NOOTHI

Full Stack Developer

+91 7702968680 | [rakeshnoothi9@gmail.com](mailto:rakeshnoothi9@gmail.com) | [www.linkedin.com/in/rakesh-noothi/](http://www.linkedin.com/in/rakesh-noothi/) | Hyderabad

## Summary

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I am a Full Stack Developer with a strong foundation in building dynamic and scalable applications using Spring technologies for robust back-end solutions. I am committed to continuous improvement and enhancing the quality of my projects.

## Skills

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Java | Spring Boot | Spring MVC | Spring JPA | Spring Security | Hibernate | JDBC | Servlets | MySQL | REST API | Web sockets | Node.js | Unit Testing | Data Structures and Algorithms | JavaScript | TypeScript | React.js | Tailwind CSS | Bootstrap | CSS3 | HTML5 | Version Control Systems (Git) | Problem-Solving | Figma | Troubleshooting | Continuous Learning | Effective Communication.

## Projects

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### HTTP SERVER

<https://github.com/rakeshnoothi/http>

Developed a lightweight HTTP server from scratch in Java to understand the internal workings of HTTP.

- Implemented core HTTP features like request parsing, routing, and response generation.
- Supported methods like GET and POST, handling query parameters and request bodies.
- Managed multi-threaded client connections using Java's concurrency tools.
- Demonstrated in-depth understanding of socket programming and HTTP protocol fundamentals.
- Provided basic error handling with HTTP status codes (e.g., 404, 500).

### CHIT-CHAT

<https://github.com/rakeshnoothi/chit-chat-backend>

Developed a real-time chat application to connect users and enhance networking.

- Real-time chatting application to connect with new people and build a strong network.
- Leveraged Web sockets for fast real-time data transfer and updates. Built a robust back-end using Spring Boot to handle authentication, authorization, and data management. Integrated REST APIs to manage user profiles.
- Secured the platform with Spring Security, implementing user authentication via JWT tokens and ensuring only authorized can use the application improving data safety.
- Implemented efficient software development Practices to ensure modularity and reusability for maximum performance.

### GOOGLE CHROME EXTENSION

<https://github.com/rakeshnoothi/extensionDictionary>

Developed Google Chrome extension providing real-time word definitions to enhance vocabulary.

- Developed a Google Chrome extension that provides real-time definitions of words, enhancing vocabulary and understanding.
- Leveraged Chrome Extension API and JavaScript to create a user-friendly interface, integrating seamlessly with various websites.
- Successfully improved learning efficiency by providing instant access to definitions, saving users time and effort.

### TRENDSETTERS

<https://github.com/rakeshnoothi/e-commerce-client>

Developed a Fashion e-commerce website to improve user shopping experience.

- A fashion e-commerce website built with React to develop responsive and adaptive design.
- Utilized Tailwind CSS to create a consistent and responsive user interface, enhancing the visual appeal and ensuring cross-browser compatibility.
- Optimized website sorting and filtering features to help users find products faster, improving user experience and sales.

## Education

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Vaagdevi College of Engineering

2024

Bachelor of Technology in Electrical and Electronics Engineering

Vemuganti Manohar Rao

2020

Diploma in Electrical and Electronics Engineering