Nitin Batra

Associate Software Engineer

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LinkedIn | GitHub

Professional Summary

Enthusiastic Software Developer with a Master's in Computer Applications and hands-on experience in full-stack development. Skilled in delivering scalable solutions, including reducing API latency by 30% and improving system performance. Proficient in React, Spring Boot, Angular, and microservices, with a strong focus on writing efficient, scalable code. Known for adaptability, problem-solving, and teamwork.

Skills

Programming Languages: Java, JavaScript, TypeScript

Frameworks: React, Angular, Spring Boot Tools: Postman, Git, IntelliJ, VS Code Databases: MySQL, PostgreSQL

Other: OAuth 2.0, JWT, Spring Security, API integration, Monolithic architecture, MVC architecture

Experience

Hacktoberfest Contributor (Oct 2024 - Present)

- Magnified database performance by 15% in Fabrica Project using optimized queries.
- Successfully collaborated with open-source maintainers to upgrade code readability.

Software Developer Intern, ISM SoftSol (Aug 2023 - Nov 2023)

- Executed efficient APIs in ASP.NET Core MVC for a learning management system (LMS), resulting in a 25% improvement in response time.
- Developed and optimized stored procedures, raising database interaction efficiency.
- Strengthened team productivity by implementing generic MVC architecture solutions.

Projects

Chorus (Full Stack Developer)

- Built a song player application with a React frontend and Spring Boot backend.
- Integrated iTunes API to provide dynamic song search functionality.
- Configured PostgreSQL database, enabling storage and retrieval for over 10k songs.
- Reduced deployment time by 20% through efficient Docker containerization.

Giphy Explorer (Full Stack Developer)

- Replicated the Giphy platform's functionality with React and Node.js.
- Enhanced user experience by transitioning state management to Redux Toolkit.
- Reduced GIF search latency by 25% through efficient API integration.

AI Text Suite (Full Stack Developer)

- Developed an AI-powered text summarization tool inspired by Postman Academy.
- Designed backend architecture in Java for seamless handling of user requests.
- Planned PostgreSQL database for storing user history and future integrations with Hugging Face models.

Education

Master of Computer Applications (MCA), GGSIPU (2022 - 2024)

- Achievements: Top 10% of the class, specialized in Software Architecture.

Bachelor of Vocational Studies in Software Development (B.Voc), GGSIPU (2018 - 2021)

- Achievements: Completed coursework in Advanced Java and Database Management.