Sidaqdeep Singh Behal

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Professional Summary

Full-stack developer experienced in designing and developing scalable, secure web applications. Strong focus on backend architecture, authentication systems, and performance optimization, with hands-on experience integrating intelligent application features. Backed by a solid foundation in software architecture and core computer science principles. An effective communicator and collaborative team player, committed to building impactful, user-centric solutions.

Technical Skills

Languages: C++, JavaScript
Frontend: React.js, HTML, CSS, Tailwind CSS
Backend: Node.js, Express.js, RESTful API Development, Authentication and Authorization (JWT)
Databases: MongoDB, MySQL
Version Control and Tools: Git, GitHub, Postman, VS Code
Core CS Fundamentals: Data Structures and Algorithms, Object-Oriented Programming, Operating System, Database Management System

Experience

INFITS

Web Developer Intern   *July 2025 – August 2025*

- Implemented secure user authentication using JWT-based login and role-based access control.
- Applied rate limiting mechanisms on sensitive APIs to prevent brute-force attempts and excessive requests.
- Collaborated with senior developers to debug issues, optimize backend performance, and follow best coding practices.

Projects

QuickBlog | *Node.js, Express, React.js, MongoDB, HTML, Tailwind CSS, ImageKit* Link | Live

- Developed a full-stack blogging platform allowing users to read, search, filter, and comment on blog posts across multiple categories with a responsive React-based UI.
- Built an admin dashboard to create, publish, unpublish, and delete blog posts, manage user comments, and monitor basic blog engagement statistics.
- Integrated AI-based blog content generation to automatically produce high-quality blog descriptions, improve content creation workflow and implemented optimized image handling using ImageKit
- Manually seeded data and wrote both positive and negative test cases to ensure service-level accuracy and robustness.

Prepify | *Node.js, Express, JavaScript, HTML, CSS, Google Gemini* Link | Live

- Developed Prepify, a full-stack AI mock interview platform that generates personalized Technical, HR, and Behavioral interview questions based on user-uploaded resumes.
- Integrated Google Gemini API to produce intelligent questions and structured evaluations including score, strengths, weaknesses, and improvement tips.
- Implemented speech-to-text answering and real-time webcam response recording with instant playback using the MediaRecorder API.
- Enhanced scoring accuracy using NLP techniques such as keyword matching, semantic analysis, and sentiment evaluation.

Education

JSS Academy of Technical Education, Noida   2022 – 2026

Bachelor of Technology in Information Technology   *CGPA: 8.04*

Certificates and Achievements

- Completed Full-Stack Web Development course by Harkirat Singh. [Certificate]
- Solved 200+ coding questions on LeetCode and other platforms.
- Participated in IMI New Delhi Model United Nations 2024.
- Organized and managed key operations for the JSS Model United Nations, 2025 as an active member of the cultural society.