

Govind Chourasiya

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SKILLS

Languages: Java, C++, C, Kotlin, JavaScript, Php.
Tools/Frameworks: React, MongoDB, Node.js, Express, MySQL, Android, HTML, Bootstrap CSS.
Platforms: Visual Studio Code, IntelliJ IDEA, Android Studio, Github Desktop.
Soft Skills: Excellent Communication, Collaboration, Project Management, Leadership.

TRAINING

HitBullsEye (Edtech Company) Jun' 24 – Jul' 24

Data Structures and Algorithms / Competitive Programming

- Strengthened problem-solving skills in Data Structures and Algorithms and Competitive Programming, enhancing coding efficiency and accuracy.
- Practiced and optimized algorithms for sorting, searching, dynamic programming, and graph traversals, improving problem-solving speed by **20-25%**.
- Participated in coding contests and solved **800+** problems on platforms like LeetCode, Codeforces, GFG, refining analytical thinking. Rank among top **50%** leetcode users worldwide.

PROJECTS

Virtual Assistant Task Manager – AI Powered Task Automation - Github Feb' 25

- Designed and developed an AI-powered task management system, enabling users to add tasks, schedule meetings, and retrieve summaries using voice commands for seamless interactions.
- Utilized and integrated Web Speech API and Gemini API to convert speech into structured tasks, intelligently extracting deadlines, priorities, and meeting details in real time.
- Build a robust back-end architecture using Express.js and Node.js, ensuring efficient task handling, dynamic data updates, and real-time responsiveness with MongoDB storage.
- Technologies used:** Google Gemini API, Node.js, React.js, MongoDB, Web Speech API, Bootstrap CSS.

Search Functionality – High Performance Querying With gRPC - Github Jan' 25

- Developed and implemented a high-speed search functionality for **100,000+** frequently accessed questions, leveraging gRPC for efficient data retrieval and minimal latency.
- Successfully replaced traditional REST APIs with gRPC-based architecture, significantly improving performance through Protocol Buffers-based serialization and optimized communication.
- Designed and maintained a scalable backend using Node.js and MongoDB, ensuring fast indexing and an efficient retrieval of large datasets while securing communication with TLS/SSL encryption, ensuring safe and highly reliable communication between client and server.
- Technologies used:** React.js, gRPC, Protocol Buffers, Vite, JavaScript, MongoDB.

Quick-Eats – E-Commerce React Web App - Github Sep' 24

- Developed and deployed a user-centric E-Commerce platform using React and Redux, scalable for concurrent users, with integrated Razorpay for seamless payment processing.
- Implemented essential features like product browsing, shopping cart management, and checkout. Leveraged MongoDB-backed efficient data storage, ensuring quick retrieval with read queries under **10 milliseconds**.
- Built and structured the back-end architecture using Node.js, achieving ultra-fast API response time under **50 milliseconds** for smooth and uninterrupted client-server communication.
- Technologies used:** MongoDB, Express.js, React, Redux, Vite, JavaScript, HTML, CSS.

CERTIFICATES

Cloud Computing | NPTEL Nov' 24

- Verified completion of the Cloud Computing program from NPTEL SWAYAM.

Introduction to MongoDB for Students | MongoDB Jun' 24

- Certified by MongoDB, demonstrating proficiency in Database.

Fundamentals of Management | Coursera Mar' 23

- Verified completion of the program at the University of California, Irvine, through Coursera.

EDUCATION

Lovely Professional University Phagwara, Punjab
Bachelor of Technology Aug' 22 – Present
Computer Science and Engineering | CGPA: 8.89 (Top 1%)