




HARMEET SINGH

New Delhi, India

 [LinkedIn](#)  [GitHub](#)  [LeetCode](#)  [Portfolio](#)

SKILLS

Programming Languages: JavaScript, TypeScript, Go (Golang)

Technical Skills: REST APIs, GraphQL, Microservices, Agile

Development Tools / Platforms : AWS (Lambda, S3, EC2), Docker, Git, Postman, Linux

Frameworks / Libraries: Node.js, Express.js, React, Redis, ElasticSearch

Databases: MySQL, MongoDB, DynamoDB

EXPERIENCE

O4S

Nov. 2024 – Mar. 2025 (Company shut down)

Software Development Engineer

Gurugram, Haryana

- Led end-to-end development of scalable full-stack features using React and Node.js, improving user experience and reducing response times by 30%.
- Optimized performance of Node.js backend services by refactoring code and implementing caching with Redis, reducing response time by 30%.
- Applied TDD principles with Jest, increasing test coverage to 90% and reducing production bugs by 40%.

NexGen Tech Solutions

Jul. 2021 – Aug. 2024

Software Engineer

Gurugram, Haryana

- Led the transition of backend services from Node.js to Go (Golang), improving efficiency and maintainability.
- Integrated Kafka for asynchronous event-driven processing, improving real-time data handling by 50%.
- Managed and optimized NoSQL (MongoDB) and relational databases (MySQL), reducing query execution times by 30%.
- Collaborated in Agile Scrum teams to deliver bi-weekly sprints, accelerating feature delivery and enhancing cross-functional alignment.

PROJECTS

Nispanid: Meditation and Sleep - [Link](#)

- Led backend development for a meditation app with 50k+ active users, reducing API response times by 30% through optimized MySQL queries and caching mechanisms.
- Designed and implemented a Kafka-based event-driven architecture for real-time updates, enhancing data synchronization by 25% and ensuring high-throughput processing.
- Developed and secured scalable REST APIs using Node.js and Go (Golang), integrating JWT for authentication, reducing unauthorized access incidents by 40%.

Tender Scraper - [Link](#)

- Developed a high-performance web scraper using Python and BeautifulSoup, increasing data extraction efficiency by 40%.
- Optimized scraper with multi-threading and async processing, reducing execution time by 45%.
- Implemented a task scheduling system with Celery and Redis for real-time data updates, ensuring up-to-date tender listings with 99% accuracy.

EDUCATION

Guru Gobind Singh Indraprastha University

Aug. 2017 – Jul. 2021

Bachelor of Technology in Electronics and Communication

New Delhi, India

CERTIFICATIONS

* Building GenAI Applications with MongoDB * MongoDB Schema Design Patterns * Relational Model SQL to MongoDB
* MongoDB Data Modeling Path * Alibaba Cloud Associate * Go – HackerRank
* Problem Solving – HackerRank * Database Management Essentials * SQL Fundamentals – DataCamp

EXTRACURRICULAR ACTIVITIES

- Contributed to open-source projects on GitHub, improving backend efficiency and UI features using JavaScript and Go.
- Participated in hackathons and other coding competitions on platforms like HackerRank and LeetCode to enhance problem-solving skills and collaborate with fellow developers.
- Taught programming fundamentals and web development to underprivileged youth, helping 30+ students build their first websites.