HARMEET SINGH

New Delhi, India

📞 +91-9953777171 ✉ hs85674@gmail.com   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   **July 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

Nispand: 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 – July 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.