

# HARMEET SINGH

New Delhi, India

📞 +91-9953777171

✉️ [hs85674@gmail.com](mailto:hs85674@gmail.com)

[LinkedIn](#)

[GitHub](#)

[LeetCode](#)

[Portfolio](#)

## Summary

Software Engineer with 3+ years of experience, delivering scalable systems and RESTful APIs for projects serving 500K+ users. Proficient in microservices, AWS, and Google Cloud, with a track record of improving performance by 30% and ensuring 99.9% uptime.

## Experience

### O4S

Sep. 2024 – Present (Company shutting down in Mar. 2025)

Software Development Engineer - I

Gurugram, Haryana

- Developed and maintained full-stack applications using JavaScript, TypeScript, React, and Node.js, leading to a 25% improvement in frontend performance and a 30% reduction in backend response times.
- Implemented CI/CD pipelines using GitLab and AWS, reducing deployment time by 50% and increasing release frequency from bi-weekly to weekly.
- Applied TDD principles with Jest and Mocha, increasing test coverage to 90% and reducing production bugs by 40%.

### NexGen IOT 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, PostgreSQL), reducing query execution times by 30%.
- Worked in Agile teams following Scrum methodology, collaborating with cross-functional teams to enhance development workflow.

## Projects

### Nispanid: Meditation and Sleep | Software Engineer

- 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 and OAuth2 for authentication, reducing unauthorized access incidents by 40%.

### Tender Scraper | Software Engineer

- 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.

## Technical Skills

**Languages:** JavaScript, TypeScript, Python, Go, C#, Java

**Backend Technologies:** Node.js, Express.js, GraphQL, gRPC, REST APIs, Microservices

**Frontend Technologies:** HTML, CSS, React, Next.js

**Databases:** MySQL, MongoDB, PostgreSQL, DynamoDB

**Cloud Platforms:** AWS (Lambda, S3, EC2), Google Cloud

**Tools:** Docker, Git, Jenkins, Postman, Elasticsearch, Redis, Linux, Windows

**Methodologies:** Agile, DevOps, Continuous Integration/Continuous Deployment (CI/CD)

## Education

### Guru Tegh Bahadur Institute of Technology

Aug. 2017 – July 2021

Bachelor of Technology in Electronic & Communication — **Grade: A**

New Delhi, India

## Certifications

- \* MongoDB Certified Developer Associate
- \* AWS Certified Developer – Associate
- \* Alibaba Cloud Associate

## Extracurricular Activities

- \* Open-source contributor to various projects on GitHub, utilizing JavaScript and Go to improve both backend functionalities and frontend experiences.
- \* Participated in hackathons and other coding competitions on platforms like HackerRank, Codeforces, and LeetCode to enhance problem-solving skills and collaborate with fellow developers.
- \* Volunteer at a non-profit tech training organization for underprivileged youth, teaching basic programming and web development skills.