Harmeet Singh

New Delhi, India

📞 +91-9953777171 ✉ 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

Nispand: 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, Java
Backend Technologies: Node.js, Express.js, GraphQL, gRPC, REST APIs, Microservices
Frontend Technologies: HTML, CSS, React
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

- ∗ 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

- ∗ 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.