

Sounish Nath

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Professional Summary

Highly accomplished Software Engineer with 4+ years of experience building and deploying scalable, high-performance applications on cloud platforms (GCP, OCI, Azure). Proven ability to leverage AI/ML to optimise system performance and reduce operational costs. Expertise in microservices architecture, Go, Java, Python, and React. Seeking a Software Engineer 2 role at Microsoft to contribute to the development of world-class business applications.

Skills

- **Languages:** Go, Java, Python, SQL
- **Frameworks/Libraries:** REST, GraphQL, React, Docker, Kubernetes, Spark, Delta Lake
- **Cloud/DevOps:** OCI, GCP, Azure, Kubernetes, Docker, CI/CD, Terraform
- **Databases:** SQL, NoSQL, BigQuery, PostgreSQL, Oracle ADW
- **Tools:** Git, Jenkins, Jira, Postman, Kafka, Pub/Sub

Experience

- **Oracle (Apr 2025 – Present), Bangalore, India | Software Engineer II**
 - Developed an AI-driven Python application leveraging OCI AI services to diagnose and resolve slow report jobs, resulting in a 20% performance improvement and a 15% reduction in support tickets.
 - Engineered and deployed highly scalable microservices for Oracle Cloud Fusion BI, enhancing reliability for a system serving over 1 million daily customers. Implemented comprehensive unit and integration tests.
 - Collaborated with cross-functional teams to improve platform resilience, reducing downtime by 10% through proactive monitoring and incident response.
- **Tata Consultancy Services (Aug 2021 – Apr 2025), Mumbai, India | Software Developer**
 - Migrated 40.2M+ daily asynchronous tasks to Pub/Sub, Beam, and Cloud Run, reducing operational costs by 68% and improving system reliability by 15%.
 - Designed and implemented backend services for a petabyte-scale BigQuery data lake, ensuring data integrity and accessibility.
 - Re-engineered a distributed job server using Golang, Kafka, and PostgreSQL, replacing a legacy system and improving SQL analytics performance by 64%.

Projects

- **[Money Minder Service](#):** Engineered a self-hosted personal finance tracker using Vue.js, Go, and Google Cloud Platform (GCP), enabling 100% user data control. Implemented 5+ distinct analytical views (e.g., daily, spend, savings rate, category-wise) and comprehensive transaction management, providing real-time insights to optimise financial decisions. Supported 3+ types of financial transactions (income, expense, investment) for holistic tracking.
- **[Referral Emailer Service](#):** Developed a scalable, self-hosted cold emailing service using Golang, Echo, MongoDB, Docker, and GCP. Implemented robust email queueing with rate-limiting and retry logic, improving deliverability by 15%. Containerised the application for efficient deployment.
- **[InterviewMe.AI – AI-Powered Interview Platform](#):** Architected a distributed microservices backend for a real-time interview platform using WebRTC, implementing load balancing and real-time data synchronisation. Designed a scalable architecture capable of handling thousands of concurrent users.

Education

- B.Tech in Computer Science and Engineering - Brainware Group of Institutions, 9.27 CGPA (4x Topper)