

Sahil Dhingra

 sahil1.com  [sahildhingraa](https://github.com/sahildhingraa)  [sahildhingraa](https://www.linkedin.com/in/sahildhingraa)  dhingrasd451@gmail.com  +91 94625 61022

PROFESSIONAL SUMMARY

Backend Software Engineer with 2+ years of experience building scalable Go and Node.js services, designing PostgreSQL databases, optimizing high-performance REST APIs, and deploying cloud-native applications on AWS. Experienced in microservices, distributed systems, WebSockets, CI/CD, and backend architecture for production healthcare applications.

TECHNICAL SKILLS

Languages: Go (Golang), JavaScript, TypeScript, SQL

Backend: Go Fiber, Chi, Node.js, Express.js, REST APIs, GraphQL, gRPC, WebSockets, JWT Authentication, Microservices

Database: PostgreSQL, MongoDB, Redis, Query Optimization, Indexing, Database Design, Transactions

Cloud & DevOps: AWS (EC2, S3, CloudFront, SES, Lambda), Docker, GitHub Actions, CI/CD, Linux

Frontend: React.js, Next.js, Tailwind CSS

PROFESSIONAL EXPERIENCE

OHA Research Pvt. Ltd. | *Software Engineer* June 2024 – Present

- Architected microservices using Go and Node.js, improving scalability by 40% and reducing API response time by 25%
- Implemented real-time WebSocket services, reducing server load by 30%
- Designed ML recommendation system with collaborative filtering, increasing engagement by 35%
- Established CI/CD pipelines using GitHub Actions, Docker, and AWS, reducing deployment time by 50%
- Optimized PostgreSQL through indexing and query optimization, improving response time by 45%

Pizone Infotech Solutions Pvt. Ltd. | *Software Engineer Trainee* Dec 2022 – Jul 2023

- Developed enterprise applications using .NET, C#, and Angular, serving 10,000+ users with 99.5% uptime
- Delivered custom solutions in Agile/Scrum environment, achieving 95% client satisfaction
- Built responsive SPAs with Angular and TypeScript, improving mobile UX by 40%
- Performed code reviews and debugging, reducing system downtime by 30%

TECHNICAL PROJECTS

EdTech Learning Platform | *Node.js, AWS, Docker, PostgreSQL, RESTful APIs* 2024 – 2025

- Designed a scalable backend architecture using Node.js, PostgreSQL, and Docker to support course management, assessments, and user authentication.
- Implemented JWT authentication, role-based access control, and secure REST APIs for students and instructors.
- Containerized services with Docker and deployed them on AWS EC2 using S3 for media storage and SES for email notifications.
- Integrated payment gateway APIs and automated enrollment workflows for online course purchases.

NFT Marketplace Sniping Bot | *Next.js, Web3, Blockchain, APIs, Real-time Processing* Feb 2024

- Built an automated NFT trading bot for the SEI blockchain using Web3 APIs and real-time event monitoring.
- Implemented concurrent processing in Node.js to monitor and execute transactions across multiple NFT collections.
- Integrated blockchain smart contracts and marketplace APIs for automated buying strategies.
- Developed a Next.js dashboard for monitoring live listings and transaction activity.

EDUCATION

Bachelor of Technology in Computer Science Expected June 2025

Surendera Group Of Institutions

Current GPA: 8.4/10.0

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Database Management Systems, Computer Networks, Software Engineering

CERTIFICATIONS

AWS Cloud Practitioner (In Progress) — **Go Programming Specialization** - Coursera

Full Stack Web Development - FreeCodeCamp