

## PROFESSIONAL SUMMARY

Software Engineer with over 2 years of experience building scalable and reliable backend systems. Skilled in Golang, Python, and AWS. Experienced in API development, system design, and performance tuning. Worked with microservices, CI/CD pipelines, API Gateway, unit testing, and event-driven systems. Comfortable working in agile teams, using monitoring tools, and writing clean, production-ready code.

## SKILLS

<b>Programming Languages</b>	Go, Python, C++, JavaScript
<b>Tools / Frameworks</b>	Git, Postman, Node.js, Linux
<b>Cloud / DevOps</b>	AWS (Lambda, EC2, ECS, S3, SNS, SQS), Docker, Kubernetes
<b>Databases</b>	SQL, MySQL
<b>Other Tech</b>	OpenTelemetry, Coralogix, REST APIs

## WORK EXPERIENCE

**Staff Software Engineer** July 2023 — Present  
Druva, Pune

- **Reduced Lambda execution time** by 50% by implementing JWT caching, resolving timeout issues, and improving the DB connection pooling in **golang**.
- Designed and developed new **Python APIs**, Dockerized the build pipeline, and integrated OpenTelemetry with **SNS** and **SQS** for better tracing and error monitoring with the Coralogix dashboard.
- Enhanced UDA encryption and integrated ransomware metadata and analysis based on NIST standards.
- Led UI/UX revamp changes, created new APIs, and delivered critical hotfixes to resolve customer-facing issues, including **optimizing large data loading** and suggesting design improvements for a better user experience.

**Software Engineer Intern** Jan 2023 — July 2023  
Druva, Pune

- Addressed **SAST vulnerabilities** by improving JWK decoding and securing public keys using the **AWS SSM Parameter Store**.
- Automated database upgrades and improved API performance by optimizing queries and indexes.
- Fixed multiple bugs, including lock wait timeouts, inconsistent file paths, and binary incompatibility issues.

**Backend Developer** July 2021 — Jan 2022  
Freelancing, Remote

- **Developed RESTful APIs** using **Node.js** to handle data operations (fetch, add, modify) from MySQL for e-Commerce features like basket, cart, filters, searching, sorting, and orders.
- Implemented APIs to **import product data** from **Excel sheets** and integrate it into the system, enhancing the product management process in the e-Commerce platform.

## PROJECTS

**Drushti** Jan 2022 — Sept 2022

- Developed the Drushti app, designed to assist visually impaired users by providing audible navigation through object detection and distance measurement.
- Leveraged **Python**, **TensorFlow**, and **OpenCV** for object detection, while using **Flutter** for the mobile app development.
- The application was deployed with **Flask** and smooth performance was ensured using the **Gunicorn WSGI server**.

**WCESPACE** June 2021

- Developed a centralized web application, **WCESPACE**, which enables students to easily download academic books classified by branch and year of study using **Node.js**, **EJS**, and **MongoDB**.
- Implemented a **contribution feature** that allowed students to upload academic books and enhance the digital library, ensuring a seamless user experience for all users.
- Developed the back-end using **Node.js** and **MongoDB**, enabling efficient data storage and retrieval for book downloads and uploads.

## EDUCATION

**Walchand College of Engineering** July 2019 — June 2023  
Bachelor of Technology in Computer Science  
**Coursework:** Algorithms and Data Structures, Operating System, Database Management Systems, Computer Networks

## ACHIEVEMENT

Finalist in **Smart India Hackathon (SIH) 2022**  
Participated in **Google KickStart** Round H with **Global Rank 1264**  
Ranked 26th in **PCSB Sudo Code** Programming Contest

## CODING PROFILE

Leetcode : [leetcode.com/sanketmote](https://leetcode.com/sanketmote)  
HackerRank : [hackerrank.com/sanketmote](https://hackerrank.com/sanketmote)