

# RUDRA NARAYANA SAHOO



## PERSONAL DETAILS

OR, 759018 Dhenkanal

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Gender: Male

Website: [rudrasahoo.me](http://rudrasahoo.me)

LinkedIn: [linkedin.com/in/rudra-narayana-sahoo-695342288](https://linkedin.com/in/rudra-narayana-sahoo-695342288)

Github: [github.com/rudra-sah00](https://github.com/rudra-sah00)

## PROFILE

- I specialize in **AI-Prompt Engineering**, using models efficiently to build **fast, scalable web applications** as well as **Android and iOS apps** in less time without compromising quality. My expertise spans **frontend development (Flutter, Next.js, React)** and **backend technologies (Golang, Node.js)**, supported by robust knowledge of **databases and storage solutions (MySQL, MongoDB, Firebase)**.
- With strong foundations in **Google Cloud, AWS Cloud, CI/CD pipelines, and system design**, I ensure smooth deployments and reliable scalability for modern applications. My certifications, including **GoogleDevs Sprint 2K25** and **HackVerse**, reflect a commitment to continuous learning and technical growth.
- Driven by a **collaborative approach, technical proficiency, and AI-powered problem-solving**, I aim to deliver impactful results in dynamic development environments.

## EDUCATION

### 12th

Oneness International School, Khodha

May 2021 – Mar 2023

- In-depth understanding of Mathematics including algebra, geometry, and calculus to develop problem-solving and analytical skills.
- Advanced English language studies enhancing communication skills, comprehension, and critical analysis of literary texts.

### 10th

St. Xavier's High School, Dhenkanal

Mar 2021

- Mastery of basic mathematical concepts such as arithmetic, algebra, and geometry to build strong numeracy and problem-solving abilities.

## EMPLOYMENT

### Full-stack Developer

DuckBuck Studios, online

Dec 2023

Full Stack Developer

## SKILLS

Prompt Engineering

Flutter

Nodejs

Golang

Google Cloud

## LANGUAGES

English

Hindi

Odia

## HOBBIES

- Coding
- Gaming
- Music

- Reading
- Hiking
- Travelling

## CERTIFICATES

GoogleDevs Sprint 2K25

Apr 2025

HackVerse

Apr 2025

## PROJECTS

@DuckBuck-Studios

**Full-Stack Cloud Application for DuckBuck-Studios**

- Architected and developed a comprehensive full-stack application, handling all layers from backend to frontend and cloud deployment.
- **Backend:** Designed and implemented robust RESTful APIs using Golang, ensuring high performance and scalability. Utilized frameworks like Gin, integrated PostgreSQL (with GORM) and Redis (Redigo) for data persistence and caching.
- **Frontend:** Built an interactive, cross-platform mobile application using Flutter and Dart, delivering seamless user experiences on both iOS and Android.
- **CI/CD Pipeline:** Automated build, test, and deployment workflows using modern CI/CD practices, enabling rapid iteration and safe releases. Integrated pipelines for both backend and frontend codebases.
- **Cloud Deployment:** Deployed backend services to Google Cloud Run for scalable, managed container hosting. Leveraged Firebase for real-time data sync, authentication, and serverless functions.
- **Azure Services:** Utilized Azure cloud solutions for additional services such as monitoring, authentication, or resource management, ensuring enterprise-grade reliability and security.
- End-to-end responsibility: Handled everything from system architecture, coding, testing, cloud provisioning, automation, and production release independently.

## Personal Portfolio Website ([rudrasahoo.me](http://rudrasahoo.me))

- Developed a comprehensive personal portfolio website showcasing full-stack development projects and skills in an engaging, user-friendly manner.

### A.I: Smart Surveillance

Developed for Andhra Pradesh Government Hackathon

- ***AI Gunny Bag Counter:*** Uses YOLOv8 for accurate gunny bag counting in warehouses, improving logistics.
- ***AI Attendance System:*** Employs TensorFlow facial recognition and CCTV integration for automated, touchless staff attendance.
- ***AI Authorized Entry via CCTV:*** Combines YOLOv8 and TensorFlow to verify authorized entry using live camera streams.
- **Technical Stack:**
- ***Frontend:*** TypeScript dashboard for real-time monitoring, data visualization, and alerts; integrates with backend APIs.
- ***Backend:*** Python-based AI inference engine and API, integrating TensorFlow and YOLOv8 for detection; handles data storage, authentication, and event logging.