

Sunil Dalai

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Education

NIST University

Bachelor of Technology in Computer Science
CGPA - 8.6

Berhampur, Odisha
2022 - 2026

Technical Skills

- **Programming Languages:** Python, Java, SQL
- **Web Development:** HTML5, CSS3, JavaScript
- **Libraries & Framework:** React, Node.Js, TailwindCSS
- **Database:** PostgreSQL, Oracle 11g, MongoDB
- **Cloud & DevOps:** AWS(EC2), Google Cloud, CI/CD Pipelines, GitHub Actions
- **Software & Tools:** Git & GitHub, Docker, Vs Code, Mongo Atlas, Postman(REST APIs)

Experience

Central Tool Room & Training Centre(CTTC)

Bhubaneswar

Data Analyst Intern

June 2025 (4 weeks)

- **Data Engineering:** Engineered automated Python scripts for ETL processes and data cleaning, optimizing workflows for structured/unstructured datasets.
- **Data Analysis:** Performed Exploratory Data Analysis (EDA) on high-volume datasets to identify operational trends, enhancing system reporting efficiency.
- **System Visualization:** Developed performance-tracking metrics and interactive dashboards to translate complex data into actionable technical insights.

Projects

AI Powered personalized skill and Career Advisor [[Live Demo](#)]

- **AI-Powered Career Mapping:** Built a personalized advisory system using **Google Gemini** and **Vertex AI** to generate dynamic learning paths and career roadmaps based on unique user interests and aptitudes.
- **Advanced Interview & Resume Analytics:** Integrated **Cloud Speech-to-Text** and **Video Intelligence** for real-time interview coaching, alongside a **Document AI** pipeline for automated ATS scoring and resume optimization.
- **Full-Stack Cloud Architecture:** Deployed a scalable architecture on **Google Cloud Run** using a **Next.js** frontend and **Node.js/Express** backend, handling **50+ API endpoints** with a **MongoDB** and **Firebase** data layer.

Vehicle Rental System [[Live Demo](#)]

- Built a scalable vehicle rental platform using **MERN stack** with **JWT authentication**, Razorpay payment integration, and automated booking management.
- Developed 25+ **RESTful APIs** for vehicle operations, payments, and bookings with PDF invoice generation, SMS/email notifications via Twilio and Nodemailer.
- Designed responsive **React** interface with **Tailwind CSS** and deployed on Vercel, integrating Cloudinary for media management and **Firebase** for Google OAuth.

Hospital Management System [[Live Demo](#)]

- Built a full-featured Hospital Management System frontend interface featuring 15+ responsive web pages with integrated payment processing, real-time search functionality, and **GPS tracking** capabilities.
- Implemented secure authentication with **reCAPTCHA validation**, dynamic shopping cart system, and interactive dashboards with appointment/patient management modules.

Achievements

National Finalist (Top 90 of 200K+ Teams) | Google Cloud GenAI Exchange Hackathon

- Developed CareerCraft AI, a production-ready ecosystem using **Gemini 1.5 Flash**, **Vertex AI**, and **Document AI** for personalized career roadmapping and Built a scalable architecture on **Google Cloud Run** with featuring automated **CI/CD pipelines**.

1st Prize (South Region) & 3rd Runner-Up (State Level) | Odisha AI Symposium

- Honored as a State-Level winner at an official pre-summit event for the India AI Impact Summit 2026.
- Collaborated on a scalable AI solution mentored by **AHRC, IIT Bhubaneswar**, focused on human-centric and ethical **AI development**.

Certifications

- **Introduction to Generative AI Fundamentals** | Microsoft | 2025 | [[Certificate](#)]
- **Python Programming** | Cisco Networking Academy | 2024 | [[Certificate](#)]
- **Programming in C** | NPTEL | 2023 | [[Certificate](#)]