Sai Santanu Sahoo
Full-Stack Developer

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Summary

Aspiring Web Developer Intern with a strong foundation in computer science, web technologies, and software engineering. Experienced in building responsive, data-driven web applications using React, Flask, and modern frontend/backend tools. Adept at collaborating in team environments, solving problems creatively, and delivering efficient, scalable solutions. Eager to contribute to Cognizant's innovative technology solutions and enhance user experiences.

Education

B. Tech (Software Engineering)   **Expected Graduation: 2027**
C.V. Raman Global University

Skills

Languages: HTML, CSS, JavaScript, Python, SQL, C, Java
Frameworks & Libraries: React, Flask, Bootstrap, Pandas, NumPy
Databases: MySQL, Oracle
Web Development: REST APIs, JSON, AJAX, Responsive Design, QR Code Integration
Tools & Platforms: Visual Studio Code, GitHub, Jupyter Notebook, Tableau, Excel
Soft Skills: Communication, Team Collaboration, Analytical Thinking, Report Writing

Internship Experience

Data Analyst Intern
Central Tool Room & Training Centre, Govt. of India Society (MSME), Bhubaneswar (June 2025 – July 2025)

- Automated workflows and developed Python scripts for efficient data analysis and reporting.
- Designed dashboards using Tableau and Excel, providing actionable insights for organizational decision-making.
- Collaborated across teams to manage datasets and improve the performance of analytical pipelines.

Projects

Café Management System with QR Code Payments (Web Development Project)
- Built a user-friendly web application enabling digital payments via QR code scanning.
- Developed RESTful APIs with Flask and integrated them with React-based frontend components.
- Enhanced security and usability by implementing efficient data validation and error handling.

Tourism Planner for Odisha Cities
- Developed an interactive route planning tool, assisting users in exploring destinations across Bhubaneswar, Cuttack, and Puri.
- Incorporated dynamic filtering and map-based navigation to improve user engagement.

Exoplanet Detection using Kepler Data (Web-App)
- Python libraries applied to process and analyze large astrophysics datasets, building models to identify exoplanet candidates.

Crop Production Data Analysis & Forecasting
- Designed a forecasting tool using machine learning techniques to predict crop yields with high accuracy, leveraging visual analytics dashboards

Awards & Certifications

- **Web Development** – Technook
- **Applied Machine Learning using Python** – NIT Kurukshetra
- **Data Analysis** – Central Tool Room & Training Centre (MSME)
- **Digital Into Job** – Ford
- **Artificial Intelligence** – Academor