

Tanmaya Kumar Naik

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PROFESSIONAL EXPERIENCE

Software Developer

Bitwise Solutions Pvt. Ltd.

Jun 2025 – Present

- Completed corporate training in **Advanced SQL, PySpark, Agile Methodologies, Unix/Linux, Cloud Fundamentals, and Data Warehousing**.
- Developed and maintained a production-grade **Next.js** web application using server-side and client-side rendering for performance and SEO.
- Implemented **Next.js API routes** for form handling, backend logic, and third-party integrations.
- Integrated automated email workflows using the **Azure Graph API**.
- Implemented input validation, sanitation, and HTML escaping, improving security against **XSS and injection vulnerabilities**.
- Debugged and resolved build-time and runtime issues related to **Next.js, Vite, and esbuild**.
- Collaborated with **DevOps and QA teams** to ensure stable CI/CD pipelines and smooth deployments.

PROJECTS

Insurance Document Verification Automation

Sept 2025

Automation / Insurance Domain

n8n, HTML, CSS, JavaScript

- Developed an automated document verification pipeline using **n8n**.
- Built a custom frontend using **HTML, CSS, and JavaScript** with real-time verification status.
- Designed chatbot workflows to handle client queries and verification outcomes.

Agile Project Management Automation

Aug 2025 – Sept 2025

AI-Driven Project Automation

Python, Streamlit, Gemini API, PyMuPDF, Playwright

- Built an AI-driven Agile Document Generator using **Python, Streamlit, and Gemini API**.
- Implemented PDF parsing using **PyMuPDF** and automated document generation.
- Generated UI mockups by rendering AI-generated HTML/CSS using **Playwright**.

ACADEMICS & PERSONAL PROJECTS

Tan's Stash [View]

Oct 2023

Web Application

Flask, Python, MySQL

- Built an SEO-optimized Flask-based tech blog with admin panel; improved page performance and search engine indexing using Google Search Console and PageSpeed Insights.

Scotland Yard Board Game [View]

Sept 2023

Desktop GUI Application

Python, CustomTkinter, auto-py-to-exe

- Developed a desktop GUI application to learn GUI prototyping in Python, featuring a clean and minimal design.
- Implemented a digital version of the Scotland Yard board game with strategic movement, map-based gameplay, and cooperative player mechanics to track Mr. X across London.

INTERNSHIP EXPERIENCE

Integrated Test Range (ITR), DRDO [Certificate]

June – July 2024

Summer Intern – Software Development

C++, Qt, UDP Communication

- Developed a desktop GUI application to visualize projectile trajectories using real-time UDP data.
- Worked in the **defense research and testing domain**, focusing on telemetry data handling and real-time visualization.
- Implemented efficient data parsing and rendering logic to ensure accurate and responsive trajectory plotting.

TECHNICAL SKILLS

Languages: Python, C, C++, JavaScript, HTML, CSS

Frameworks: Next.js, React, Flask, Django, Streamlit

Data & Cloud: Advanced SQL, PySpark, Azure Databricks

Tools: Git, GitHub, VS Code, Jupyter Notebook, n8n

Databases: MySQL

EDUCATION

Veer Surendra Sai University of Technology

Sambalpur, Odisha

Bachelor of Technology, Computer Science and Engineering, CGPA: 8.76

Dec 2021 – May 2025

CERTIFICATIONS

- Azure Databricks & Spark for Data Engineers** – Udemy (2025) [Certificate]
- Prompt Engineering for AI Applications** – Udemy (2025) [Certificate]