

Tanmay Kumar Panda

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFILE

Dynamic Full Stack Developer with 1.3 years of experience in Front-end, Back-end, and Blockchain development, specializing in leading cross-functional teams. Proficient in UI/UX, Cross-Platform Development with Flutter, DevOps, AWS, and Machine Learning.

TECHNICAL SKILLS

- **Frontend** – React, Next, Typescript, Flutter, Angular, Tailwind
- **Backend** – Java Spring Boot, Node Js, Express Js, Prisma, Go
- **DevOps** – Git, Docker, AWS, GCP
- **Database** – MySQL, MongoDB, PostgreSQL, DynamoDB, FireStore
- **Others** – Blockchain, TensorFlow, Figma, Kafka, Redis, Strapi, UI/UX, Adobe Illustrator
- **Languages** – C, C++, Java, Python, Dart, JavaScript

PROJECTS

Meet: SFU Enhanced Next-Gen Google Meet Alternative - <https://github.com/unstoppable-tanmay/google-meet-node>

Tech Stack – Mediasoup, WebRTC, Socket.IO, Next.js, Express.js

- Used Mediasoup's SFU architecture to reduce bandwidth usage by 50% of user and balance the load among client & server.
- Integrated with Google OAuth2 authentication with next auth enhancing UX and security to next level
- Included all Google Meet features like screen sharing, chat, recording, and scheduling for a complete video conferencing experience.

Ai-Os: Building A Rust Based AI OS - <https://github.com/unstoppable-tanmay/ai-os>

Tech Stack – Tauri, Rust, React, LangChain-Rust, LLaMA 3, LLaVA, Whisper, GGUF, llama.cpp, VectorDB

- Developed a multimodal AI OS assistant with voice, screen, and keyboard control for app automation and interaction.
- Designed a memory-driven “second brain” for personalized planning, reminders, habit tracking, and emotional support.
- Enabled natural language app/file search, terminal/code autocompletion, and intelligent task execution across the system.

EXPERIENCE

SDE 1 – Papaya Global | Aug 2024 - Present

- Worked extensively with **React micro-frontends**, implementing **high-performance systems** with a strong focus on **UX design**, modular architecture, and custom component libraries and proxies, along with a wide range of modern frontend technologies.
- Led **RBAC testing and automation** using **Playwright**, ensuring robust access control and seamless user flows across applications.
- Contributed to the development of scalable backend systems using **Java Spring Boot**, integrating **message queues** like **Kafka** and **RabbitMQ**, and working with databases such as **MariaDB** to ensure reliability and performance.
- Designed and delivered multiple full-stack applications with **end-to-end system design**, enhancing delivery timelines and overall system efficiency.

SDE Intern – AlphaBI | Jan 2024 – Aug 2024

- **Spearheaded** the use of **Next.js 14**, **Prisma**, **Strapi**, **Kafka**, **Redis**, and **Docker** across client projects, resulting in a **20% increase in overall project efficiency**.
- **Elevated** the company website by implementing **user-friendly enhancements**, **SEO optimizations**, and reducing **response time by 30%**, leading to a **notable boost in user engagement**.
- **Developed and deployed** multiple applications, including **websites and cross-platform solutions**, contributing to a **25% improvement in overall project delivery timelines**.

SDE Intern – Intelligent Cloud Applications | Mar 2023 - Dec 2023

- **Engineered** a high-performance **serverless backend** and an **interactive frontend service** for the client, reducing **server load by 50%** and enhancing **user experience by 40–60%**.
- **Reconfigured** legacy backend services for **low API overhead** and **optimized data transmission**, resulting in a **response time reduction of 1–2 seconds**.
- As **Tech Lead**, fostered **collaborative teamwork**, provided **mentorship**, and drove **innovative project delivery**, leading to a **30% improvement in team performance**.

EDUCATION

GCEK, Kalahandi | Nov 2020 – Apr 2024 | CGPA - 8.92

Bhawanipatna | Bachelor's Degree in Computer Science & Engineering