

# Papan Namasudra

[LinkedIn](#) | [Github](#) | [Showcase](#) |

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## TECHNICAL SKILLS

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**Languages:** Java Intermediate, Python Intermediate

**Frontend:** [React.js](#), Tailwind CSS, HTML, CSS, javascript

**Backend:** [Node.js](#), Express.js

**Databases:** MongoDB, SQL

## Tools / Frameworks / Libraries / Version Control /Operating Systems /API Technologies:

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- Git & version control Intermediate
  - Docker Basic
  - API Integration (OpenAI, Gemini, REST, OAuth, JWT, PayPal API, TMDB API) Basic-Intermediate
  - Testing (Postman, Bruno) Basic-Intermediate
  - Figma (Wireframing, Prototyping, Design Systems, Component Libraries) Intermediate
  - Cloudinary Intermediate
  - Socket.io, WebRTC, Multer, Simple-peer
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## PERSONAL STATEMENT

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I design and build seamless, user-centered digital products by integrating front-end design systems and scalable backends. My skills span full-stack development (React.js, Node.js), API integration (REST), cloud services (Cloudinary), and AI implementation using OpenAI and Gemini.

I have independently led complex web apps, deployed production-grade features, and managed real-time AI tools. I am continuously advancing my knowledge in algorithms and testing. I aim to deliver accessible, high-impact software in collaborative, innovation-driven environments through an internship opportunity to further sharpen my capabilities and contribute meaningfully.

## PROJECTS

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### [IntelliBazar](#) | [Github Repo Link](#) | Mar 2025 - Jun 2025

Developed and deployed full-stack e-commerce platforms supporting over 1,000 users, integrating AI-powered chatbots for real-time messaging, voice search, and persistent user data management including cart and wishlist.

- **Tech Stack and Frameworks:** React.js, Node.js, Express.js, MongoDB, PayPal API, JWT, OAuth, Cloudinary, Tailwind CSS, Web Speech API, AI Chatbot Integration.
- Delivered an enhanced customer shopping experience through AI-guided product recommendations and seamless real-time interactions, catering to users seeking smart and responsive e-commerce platforms.
- Boosted customer engagement by 40% within the first quarter post-launch; the platform managed consistent traffic with robust backend performance and an intuitive frontend.

- Mastered integration of AI chatbot with Google Gemini AI, optimized RESTful APIs for large-scale user data handling, and crafted responsive, animated UI for diverse user interactions.

#### [Chataltra](#) | [Github Repo Link](#) | July 2025 - aug 2025

- **Tech Stack and Frameworks:** Implemented a scalable, real-time chat platform with text, voice, files, and WebRTC-powered AV calls, using React, Node, MongoDB, Socket.io, and P2P protocols.
- Integrated individual/group chat, message encryption, online status, voice recording, cross-browser calls, and optimized database queries.
- Addressed signal handling for efficient P2P, Programmed robust authentication (JWT), learned advanced event-driven programming and responsive UI design.

#### [EntertainHub](#) | [Github Repo Link](#) | May 2025 - Jun 2025

- **Tech Stack and Frameworks:** Created a movie discovery platform integrating TMDB API with local DB for search, user authentication, and watchlists.
- Engineered dual-source searches and advanced filters, scalable Mongo schemas, JWT-secured APIs, and CI/CD testing with Jest.
- Learned scalable API patterns, robust schema design, secure auth, and frontend best practices.

### EDUCATION ENROLLMENT

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#### Kalvium's UG program in CS (Software Product Engineering) 2024-2028

Campus: Rajahmundry, Andhra Pradesh, India | Bachelor's enrollment: B.Tech, Godavari Global University

### ACHIEVEMENTS & EXTRACURRICULARS

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- **Hackathons & Competitions:** Participated in the AI Hackathon as part of Team TechTitans, selected among 368 participants (88 teams) and recognized for outstanding performance in the Prototype Round at the Campus Level. Showcased innovation, dedication, and technical excellence, as verified by official participation certification.
- **Technical Contributions:** Maintained 69+ public GitHub repositories focused on the MERN stack, backend APIs, and UI components. Logged 100+ commits reflecting active project development and collaboration. Produced tools adopted by 50+ users, significantly increasing platform retention and engagement during early testing phases.
- **Campus Engagement / Leadership:**  
Led end-to-end development and AI integration of IntelliBazar, gaining 50+ early adopters in the first quarter.  
Coordinated frontend, backend, and AI teams, delivering results 3x faster than peers.  
Improved cross-team communication, reducing API bugs by 40%.