Tanmay Panda

Pune, Maharashtra, India · tanmay.panda14@outlook.com · 8237879806 · in/tanmay1404 · tanmaypanda.vercel.app

EDUCATION

Bachelor of Technology in Computer Science and Engineering
MIT World Peace University · Pune, Maharashtra · 2025 · 9.34

EXPERIENCE

Software Engineer
Neviton Softech Pvt Ltd   December 2023 –May 2024, Bengluru
- Designed and developed a document management system capable of creating and signing documents using react, redux and mui for user interfacing and express, mysql and aws services like S3, SES, EC2 for the API.
- Worked on the phase 2 of a product launch management system. Phase 2 had added client requirements like sso login, better product management with child and parent relationships within the product and subproduct components and maintaining audit trails.
- Deployed a Next.js application using EC2 instances on AWS, with an NGINX server and PM2 for process management.
- Utilized AWS CodeCommit for version control, along with Jira for task tracking and sprint management.

Intern
Pegasus Clinicare   June 2023 – October 2023, Pune
- Designed and implemented a comprehensive software solution to streamline and automate core business operations, facilitating the generation of MIS reports and ensuring timely notifications through a sophisticated scheduling system.
- Identified, documented and reported bugs and other issues within the company's proprietary software applications, improving usability.

Lead Software Developer
Inew Technologies   June 2023 – October 2023, Pune
- Leading the development of a highly scalable and modular application and utilizing NextJs and Firebase to ensure optimal performance. Took charge of designing and executing a resilient backend architecture that significantly improved data availability, seamlessly accommodating a user base of 10,000 with remarkable efficiency.

PROJECTS

Shriarya
Shrividya Classes · shriaryadev.web.app/ · June 2023 – August 2023
- Developed a robust platform within the educational technology (ed-tech) company to store and deliver a vast repository of 100,000 study questions in LaTeX format. This platform, built using the MERN (MongoDB, Express.js, React, Node.js) stack, facilitates seamless access for students to enhance their learning experience.

Restaurant Inventory Management Platform
Innovation Hub · github.com/uneconomicalfairy14/rest-pos-2022 · August 2022 – September 2022
- Abstract: Designed a restaurant inventory management platform to enhance operational efficiency for restaurant chains. The system enables seamless record-keeping and employs advanced analytics to provide insightful restocking recommendations, helping restaurants optimize inventory levels.
- Technical: MERN (MongoDB, Express.js, React, Node.js) full-stack application capable of supporting a userbase of 10,000 individuals.

Samvadhini
MITWPU · github.com/uneconomicalfairy14/samvadhini · January 2022 – April 2022
- Abstract: Samvadhini is a sophisticated question-answering chatbot developed to establish an efficient help desk for students. The primary objective was to facilitate seamless communication and resolve inquiries related to college document submissions and procedural matters. This initiative aimed to alleviate the burden on faculty members while ensuring students receive timely and accurate assistance.
- Technical: React application integrated with a Flask API, which efficiently processes incoming requests and utilizes Hugging Face Transformers to generate contextually appropriate responses, then stores queries into a firestore bucket for monthly analysis to improve the question answering system.

SKILLS

Languages: C++, Python, JavaScript, PHP
Databases: Firestore, MongoDB, PostgreSQL, Oracle SQL, MSSQL, MYSQL
Frameworks: React, Flask, Nest.js, Next.js, ExpressJS, Django
CI / CD : Docker, Github Actions, Git
Software Development: Figma, Jest unit tests (React), Selenium testing (Python), Playwright(Javascript), Git, BitBucket, Jira
Cloud Computing : AWS(EC2, SES, amplify, codecommit, route 53), GCP(firebase), Azure(VM)

INVOLVEMENT

President

MIT World Peace University · Innovation Hub · October 2021 – Present
· Directed and supervised a portfolio of 12 diverse projects while providing guidance to a team of 80+ members, leading to the timely and successful completion of these initiatives.
· Introduced technical directives and process improvements, which played a pivotal role in achieving a significant efficiency improvement of 30%.
· Guided and supported more than 15 junior team members, nurturing a culture that encourages ongoing development and expansion of skills.
· Arranged and led 8 interactive events aimed at skill development in data structures and algorithms (DSA) and competitive programming.