Abhishek K Yadav

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SOFTWARE ENGINEER

Full Stack Developer with 3 years of experience building scalable platforms using React.js, Next.js, Node.js, Python, Flask, PostgreSQL, and AWS. Skilled in designing high-performance backend services with a focus on efficiency and responsiveness. Passionate about problem-solving, mentoring, and driving innovation through collaboration.

WORK EXPERIENCE

Superdash • Bangalore   **Nov 2024 - Present**
Backend Engineer • Full Time

Superdash's mission is to build AI infrastructure to accelerate the beneficial deployment of AI around us

- Designed and built marketplace app with APIs integrating GoHighLevel, Zapier, and Make, boosting product adoption by 30% per customer.
- Automated document ingestion (PDF, DOC, Images) using Azure Form Recognizer, enhancing product efficiency and accuracy by 50%.
- Developed robust report generation APIs NodeJS for the voice agent platform, empowering customers with in-depth analysis of their AI agent usage and performance.

USEReady Technology • Bangalore   **Feb 2023 - Nov 2024**
Software Engineer • Full Time

A data and analytics company that provides the strategies, tools, capability and capacity that businesses need to turn their data into a competitive advantage.

- Resolved a critical Multi-Factor Authentication (MFA) issue that increased software development capacity and enabling faster product release.
- Developed automation scripts using Python that improved the speed and accuracy of data migration by more than 40%.
- Played a pivotal role in fostering an environment of code efficiency and organization within the development team, leading to improved collaboration, faster development cycles, and enhanced product quality.

Fleapo Co • Kolkata   **Sep 2021 - Feb 2023**
Full Stack MERN Devloper • Full Time

Fleapo Co is a web/mobile app development services provider and has a crypto payment processing product.

- Built web Applications using React.js/Next.js, Typescript, Node.js and MongoDB/PostgreSQL.
- Collaborated with the team to design and implement an architecture using micro-services, load balancing, and Docker, resulting in a scalable and resilient system.
- Developed and implemented an ae-script for Adobe After Effects that automated the generation of customized videos from user data, increasing content production efficiency.

SKILLS

AI: Langchain, LLM, Agents, Prompt Engineering, RAG

Database: MongoDB, PostgreSQL, VectorDB(ChromaDB, Pinecone)

Frontend: ReactJs, Tailwind

Backend: NodeJs (Typescript), NestJs, Flask, Python

Cloud: AWS (SQS, S3 Lambda, EC2), GCP

Tools: Docker, Github, Redis,

EDUCATION

Bachelor of Technology in Computer Science & Engg

Swami Vivekananda Institute of science and technology
GPA: A
08/2018 - 08/2021

Diploma in Computer Science and Technology

Regent Institute of science and technology
GPA: A
07/2015 - 07/2018

CERTIFICATIONS

AWS Fundamentals: Going Cloud-Native
Coursera

The joy of computing using python
NPTEL

Awards & Recognition

Monthly Spot Award
09/2023 USEReady

Monthly Spot Award
10/2024 USEReady

PROJECTS

Catalyst • Superdash

A B2C voice AI multi-agent platform, providing core infrastructure for AI-driven conversational experiences. Implemented features including knowledge base integration, file processing, and telephony integration, enabling natural, human-like interactions.

- Automated document processing by building a pipeline that converts PDFs to organized text (markdown) using Azure Cognitive Services, enabling efficient AI analysis through advanced text chunking
- Enabled AI-driven email responses by integrating Google Pub/Sub to monitor Gmail inboxes, allowing AI agents to automatically respond to incoming messages.

PPR - Pixel Perfect for Tableau • USEReady Technology

A B2C voice AI multi-agent platform, providing core infrastructure for AI-driven conversational experiences. Implemented features including knowledge base integration, file processing, and telephony integration, enabling natural, human-like interactions.

- Designed and developed a microservice for high-precision, well-formatted, print-ready reports for audit, compliance, and ad-hoc reporting within the Tableau dashboard.
- Managed the automated generation of over 10,000 reports, ensuring secure delivery to customers via SFTP (GoAnyWhere), improving efficiency and data security.
- Collaborated with a team to ensure seamless integration and functionality within the Tableau ecosystem.

Scentcraft • Fleapo

Scentcraft redefines fragrance through personalized and AI-powered that empower individual expression. Collaborating with top perfumers, we create high-quality, cruelty-free, and clean beauty compliant fragrances.

- Developed and integrated customization tools for Scentcraft's platform, enabling users to create personalized fragrances by selecting scent profiles and ingredients, enhancing the overall user experience
- Created a micro-service with AE-Script and OpenAI APIs to generate social media content, including captions and videos, for influencers, increasing their sales by 25%.
- Enhanced the onboarding process for influencers by developing a web application using React, Node.js, MongoDB, and Tolstoy APIs, significantly improving user experience and operational efficiency."

Voxtalk – Messaging and Calling App • Personal

Voxtalk, a real-time messaging and calling application that enables seamless communication with features such as instant messaging, voice and video calls.

- Technologies: React, Vite, Tailwind, TypeScript, Nest.js, Socket.io, Redis, PostgreSQL
- GitHub: Frontend , Backend

Chappi.ai – Chrome Extension • Personal

Developed Chappi.ai, a browser extension that enhances user experience by providing real-time contextual insights based on the active webpage. Users can ask questions directly within the browser and receive immediate, relevant answer

- Technologies: Chrome Extension, Typescript, React, FastAPI, Python, Llama (LLM), Langchain, Qdrant(Vector db) and Huggingface(text-splitter).
- Github : https://github.com/ydvabhee/chappi.ai
- Demo : Link