

Shreyas Tiwary

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PROFESSIONAL SUMMARY

Experienced Software Engineer and CFO of Tranquil AI with a focus on cross-platform app development and AI solutions. Skilled in Python, Flutter, and backend technologies, with a proven track record in leading projects and delivering scalable solutions.

EDUCATION

Vellore Institute of Technology
BTech in Computer Science

Vellore, Tamil Nadu
Aug. 2021 – May 2025

EXPERIENCE

CFO & Co-Founder
Tranquil AI

April 2024 – Present
Remote

- Led the end-to-end development of Tranquil AI, a mindfulness app featuring AI therapy, guided meditation, mood logging, and journals using Flutter for cross-platform functionality.
- Architected and implemented the backend infrastructure using Python, Flask, Firebase, Azure, and Docker, ensuring seamless integration and scalability.
- Directed a cross-functional team of developers, designers, and AI specialists, driving project execution with Agile methodologies and consistently meeting delivery deadlines.
- Spearheaded product strategy and technical decision-making, aligning the app's development with business goals, resulting in a successful market launch preparation.

Software Engineering Intern
Pravaratan Technologies

October 2023 – December 2023
Remote

- Developed and deployed multiple end-to-end fintech and investment applications using Flutter for building responsive and cross-platform mobile experiences.
- Implemented real-time and concurrent features using WebSockets, Firebase, and PostgreSQL, ensuring seamless data synchronization and user experiences across applications.
- Designed and managed backend services with Python and Flask, optimizing for performance, security, and scalability in financial applications.
- Collaborated with cross-functional teams to integrate financial features and ensure robust, user-friendly, and efficient fintech solutions.

PROJECTS

Bill Buddy | *Python, Flask, Flutter, Firebase*

- Developed a real-time bill splitting application using Flutter for a seamless cross-platform user experience.
- Implemented real-time updates and concurrency management with Firebase to ensure accurate and timely bill calculations.
- Designed and built backend services with NoSQL to handle user data and transaction histories efficiently.
- Incorporated user-friendly features for bill management, splitting, and tracking, resulting in high user engagement.

FISC | *Flutter, Python, PostgreSQL*

- Developed an investment application tailored for blue-collar workers using Flutter, delivering a user-friendly and accessible mobile experience.
- Utilized PostgreSQL for robust data management and secure storage of financial records, enabling efficient and reliable data handling.
- Implemented WebSockets for real-time updates and notifications, providing users with timely investment insights and alerts.
- Designed and built backend services with Flask to manage user data, transactions, and application logic, ensuring scalability and high performance.

ACHIEVEMENTS

Tech Head of VIT Mathematical Association Student Chapter, leading the organization and coordination of events, workshops, and competitions.

Winner of Prudentia Hackathon conducted by IEEE VIT, showcasing innovative solutions and technical expertise.

Runner-up of Futurepreneurs conducted by E-Cell VIT, recognized for entrepreneurial skills and innovative ideas.

SOFT SKILLS

- Team Leadership
- Agile Methodologies
- Cross-Functional Collaboration
- Problem Solving
- Strategic Thinking

TECHNICAL SKILLS

- **Programming Languages:** Python, C, C++, Dart, HTML, CSS, MATLAB, Golang
- **Frameworks:** Flutter (Dart), Flask, Node.js, MERN Stack
- **Databases:** PostgreSQL, Firebase, SQLite
- **Cloud Platforms:** AWS, GCP Cloud, Azure, Azure Data Factory
- **Tools:** Docker, Git, Postman, Google Cloud, Command Line Interface (CLI)
- **Focus Areas:** Cloud Computing, App Development, Machine Learning, Generative AI, Web Development

CERTIFICATIONS

AWS Academy Graduate - AWS Academy Cloud Foundations
Valid from Nov'23 – Does not expire

Amazon Web Services (AWS)

AWS Certified Cloud Practitioner
Valid from Nov'23 – Does not expire

Amazon Web Services (AWS)

Command Line Interface (CLI) With Golang
Valid from Nov'23 – Does not expire

Infosys

MERN Full Stack Internship Program
Valid from Nov'23 – Does not expire

ETHNUS

Career Essentials In Generative AI
Valid from Nov'23 – Does not expire

Microsoft and LinkedIn