

Shardul Anaspure

Pune, Maharashtra

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EDUCATION

MIT World Peace University

Bachelor of Technology in Electrical and Computer Engineering

CGPA: 8.1 / 10.00

Pune, Maharashtra, India

July 2025

WORK EXPERIENCE

CAGR Labs Pvt. Ltd.

Pune, Maharashtra, India

Full Stack Engineer, July 2025 - Present

- Designed and shipped 15+ production modules/features including Tasks, Review Meetings, Leads, Investor360, Portfolio Holdings, Lifecycle Activity, Investor Tags, Notifications, and Business Reports.
- Developed scalable backend systems using Flask, PostgreSQL, SQLAlchemy, Alembic, and Celery, including REST APIs, RLS-safe migrations, async workflows, and automation pipelines.
- Worked on analytics dashboards and reporting systems covering AUM, SIPs, Capital Gains, Dividends, Goals, EMIs, and business KPIs, with CSV/PDF export support using WeasyPrint.
- Implemented reusable platform features such as mentions, threaded comments, tagging systems, lifecycle feeds, universal search, and role-based access controls.
- Enhanced investor experience through mobile-responsive UI revamps, PWA support, investment analytics, XIRR tracking, folio management, and multilingual Flutter app updates.
- Automated CAMS/KFintech data ingestion and enrichment workflows using Selenium, Celery, and custom data processing scripts, reducing manual operational effort.
- Contributed across the full stack using Python, Flask, PostgreSQL, Vanilla JS, jQuery, Bootstrap, Flutter, Selenium, Chart.js, and WeasyPrint.
- Worked on data ingestion pipelines for integrating clients data into the system.

Fullstack Intern, Dec 2024 - Jun 2025

- Completed 10+ full-stack modules for a fintech CRM/wealth management platform (Flask, PostgreSQL, SQLAlchemy, Vanilla JS, Flutter) covering Goals, Assets, EMIs, Leads, Tasks, Review Meetings, and more, each with lifecycle workflows, notifications, and analytics.
- Designed a Tasks Management System from scratch with observer-based assignments, state lifecycle tracking, an analytics dashboard, and CSV/XLS exports.
- Developed 5 business reports (AUM, SIP, Capital Gains, Dividend, Tax Kit) with CSV/PDF export via WeasyPrint, and enhanced Investor360 with XIRR tracking, folio management, and transaction drill-downs.

OTHER WORK

Stock Market Proficient

- Have been actively investing in the stock market for over three years, acquiring skills through self-study, reading, and attending seminars.
- Experience includes a role at a mutual fund company and managing nearly five portfolios for individuals. Excellent in market analysis, risk management, and diverse investment strategies.
- Strong technical skills and ability to manage diverse portfolios and provide insightful market analysis has benefited colleagues and clients alike.

PROJECTS

SharVault (<https://sharvault.vercel.app/login>)

- Developed a full-stack personal productivity PWA (Next.js 15, Prisma, PostgreSQL, NextAuth) across 14 independent modules including Kanban, finance tracker, rich-text notes, freeform canvas, calendar with cron-based email reminders, and global unified search deployed on Vercel.
- Engineered a personal finance module covering transaction CRUD, custom color-coded categories, income/expense analytics, trend visualisations, a monthly summary API, and an optimistic UI layer with a pending queue and retry utility.
- Implemented 5 independent version-history and data-restore systems that have per-save note snapshots, canvas board versioning, archived task/goal restore, and a full email-triggered data restore flow ensuring complete recoverability across every content type.
- Diagnosed and resolved a critical production outage caused by Prisma connection pool exhaustion (MaxClientsInSessionMode) introduced a singleton client pattern and server-side session caching, eliminating redundant DB round-trips on every navigation request.
- Designed a single /api/search endpoint that fans out across 4 data sources (tasks, notes, goals, boards) in parallel surfaced in a global modal with grouped results and full keyboard navigation, accessible from every page of the app.

Dehazing, Nexus Hackathon (https://github.com/gauriket/Nexus_Dehazing)

- ML project using an atmospheric scattering model, OpenCV, and Flask.
- Enhanced video visibility in challenging weather conditions, integrated object detection, the PSNR score: 17 and SSIM score: 0.89.
- Contributed to the development of machine learning and object detection models, and deployed the user-friendly web interface using Flask for API accessibility.

Medical AI ChatBot

- Developed a medical chatbot using ML Techniques that can diagnose the disease and provide basic details about the disease before consulting a doctor.
- The medical chatbot has potential to address the challenges of limited time and the vast range of medical conditions is the development of an AI-powered application. This application would utilize artificial intelligence algorithms to analyse input symptoms and provide a comprehensive list of possible medical conditions. Furthermore, it would draw from a pre-writ.

Food Order Prediction Model

- Collaborated on a group project to develop a predictive model for food orders using data from multiple restaurants. Designed and implemented algorithms to analyze and train the model, enhancing its accuracy and reliability.

PROGRAMMING SKILLS

- **Languages:** C++, C, Python, JavaScript, SQL, Selenium, Nextjs, Typescript
- **Databases:** PostgreSQL, MySQL, MongoDB, Redis
- **Frameworks:** ReactJS, NodeJS, ExpressJS, Django, TailwindCSS, Bootstrap, Flask, NextJS
- **CI / CD :** Github, Git
- **Software Development:** OpenAI, AWS, Figma, Git, VSCode, GitHub, Jira, Jenkins, Slack
- **Other Tools:** Office, Canva, Tableau, Azure, Linux, Windows, PowerBI, Arduino

PROFILE LINKS

Github: github.com/Wardaddy16

LinkedIn : <https://www.linkedin.com/in/shardul-anaspure-aa7962219/>