

YASH AGRAWAL

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EDUCATION

Indian Institute of Technology (IIT ISM), Dhanbad

Bachelor of Technology in Petroleum Engineering

Dhanbad, JK

Jul 2019 – May 2023

EXPERIENCE

Privado.ai - Software Developer

Django, React, MongoDB, Celery, Golang, Amazon AWS, Redis, Docker, D3.js

Pune, MH

Feb 2025 – Present

- Owned end-to-end development of core product features across POCs, frontend, backend, UI/UX, deployment, and long-term maintenance.
- Built the **MobileScan** system to embed live devices in the UI and capture user actions and network traffic.
- Built a service to intercept and analyze encrypted app traffic for PII leakage and third-party integrations.
- Developed a scalable **Frida-based SSL pinning bypass framework** across **100+ mobile apps**.
- Designed session lifecycle management for per-minute billed devices to optimize cost and user experience.
- Built optimized MongoDB aggregation pipelines with precomputation for analytics dashboards.
- Created interactive visualizations using **D3.js** for analytics and monitoring.

Beehyv Software Solutions - Software Developer

LangChain, LangGraph, LangServe, Pinecone, Google Cloud, FastAPI, Node.js, MySQL

Hyderabad, TS

Jul 2023 – Feb 2025

- Co-developed **GIDR**, an AI-powered document querying and knowledge management platform.
- Implemented a generic **LangGraph**-based node architecture enabling users to create their own query-answering workflows.
- Reduced search service latency by **80%** using multithreading and caching strategies.
- Improved ingestion pipeline performance by **70%** via batching and multithreaded processing.
- Integrated GIDR with **25+ LLMs** including **OpenAI, Claude, Gemini, Groq, and LLaMA**.
- Conducted rapid R&D and POCs to validate architectures and improve system reliability.

Iauro Systems - Software Developer Intern

ReactJS, ReduxJS, Vendure, Stripe, GraphQL, MySQL

Pune, MH

May 2022 – Jul 2022

- Developed a web application for selling handmade products using **Vendure** and **React with Redux**.
- Developed custom plugins to customize Vendure's functionality and integrated the Stripe payment gateway.

TECHNICAL SKILLS

Languages : C/C++, JavaScript, Python, Golang, TypeScript, SQL

Backend : Django, FastAPI, Node.js, ExpressJS, Mongoose, Celery, Redis, Socket.IO

AI Tech : LangChain, LangGraph, LangSmith, OpenAI, Claude, LLaMA, Gemini, Groq

Frontend : ReactJS, Next.js, ReduxJS, D3.js, Bootstrap

DataBases : MongoDB, MySQL, Alembic, Firebase, PostgreSQL, Pinecone

DevOps : Docker, AWS, Google Cloud, GitHub Actions

COMPETITIVE PROGRAMMING

	Profile	Rating
CodeChef	: yash3457	1970
LeetCode	: Yash_01	1801
CodeForces	: Yash_01	1492
AtCoder	: Yash_01	843
HackerRank	: Yash_01	6-Star

PROJECTS

AgroTech | ReactJS, ReduxJS, Node.js, ExpressJS, MongoDB, Socket.IO, Cloudinary

Dec 2021 – Jan 2022

- Developed a platform for buying and selling Agricultural products using the **MERN** stack and **websockets**.
- Features:** Admin role, Live chat, JWT-Auth, Cart and checkout, Search and Filter, User Profile, Categories.
- Repository:**  [github.com](#) **Live Project URL:**  [AgroTech](#)

Memoreum | ReactJS, ReduxJS, Node.js, ExpressJS, MongoDB, Google-OAuth, Mongoose

Mar 2023 – Apr 2023

- Developed a **MERN** based **Social Media Platform** for sharing memories and connecting with friends.
- Features:** Post Management, Personalized Feed, Like and Comment, Google OAuth, JWT-Authentication.
- Repository:**  [github.com](#) **Live Project URL:**  [Memoreum](#)