ASHWANI KHARWAR

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EXPERIENCE

Software Engineer   *Jan 2024 – Present*
Accountant AI - FinTech / AI Automation

- Owned end-to-end development of **AI driven document processing workflows**, reducing manual accounting effort across invoice ingestion, reconciliation, and compliance.
- Designed and implemented **scalable backend services and APIs** for uploading, parsing, and syncing multi page invoice PDFs with **Tally and QuickBooks**.
- Built **event driven background pipelines** using **Celery and Redis** to support real-time document parsing and reconciliation at scale.
- Integrated **OCR and LLM-based extraction pipelines**, significantly improving data accuracy and reducing manual verification.
- Standardized **multi LLM orchestration** by migrating to a **LangChain based unified tool-calling layer**, eliminating model-specific glue code.
- Led platform migration to **Kubernetes**, improving deployment reliability and scalability and reducing environment drift by **30%**.
- Collaborated directly with product leadership to ship customer-facing features with minimal engineering overhead.

PROJECTS

StudyNotion — Full-Stack EdTech Platform *(Live)*
React.js, Node.js, Express.js, MongoDB, TailwindCSS, Razorpay

- Developed a role based learning platform supporting instructors and students with structured content management.
- Implemented secure payments and subscriptions via **Razorpay**, including order tracking and receipts.
- Designed RESTful APIs and authentication middleware with a modular, scalable backend architecture.

MysteryMessage — Anonymous Feedback Platform *(Live)*
Next.js, TypeScript, TailwindCSS, NextAuth, MongoDB, ChatGPT API

- Built a **privacy first anonymous messaging platform**, driving a **15% increase** in user activity through secure communication.
- Implemented **NextAuth based email authentication** ensuring secure, seamless, session-managed user access.
- Designed a clean, intuitive **dashboard UX** for managing incoming and outgoing messages.
- Integrated **ChatGPT API** to generate AI-powered message suggestions, increasing user engagement by **30%**.

SKILLS

Programming Languages: Python, JavaScript, TypeScript, SQL
Frameworks & Libraries: Django, Node.js, React.js, Next.js, TailwindCSS, GraphQL, FastAPI
Databases: PostgreSQL, MongoDB, Redis
DevOps & Other: Docker, Kubernetes, AWS (EC2, S3, CloudFront), CI/CD, Git, LLM Integrations, LangChain, Prompt Engineering

EDUCATION

Bachelor of Technology in Computer Science   *Aug 2020 – Jun 2024*
IES College of Technology   **CGPA: 7.62**