ASHWANI KUMAR

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EXPERIENCE

Radius Agent - Senior Product Engineer (05/2021 - Present)

- Led the development of **MEL AI**, which helped increase daily active usage by **150% in 6 months**, by building an NLP-based contract intelligence system using OpenAI models and scalable Node.js services.
- Reduced contract review time for agents by **~40%** by designing an embeddings-driven document parsing and search pipeline that worked reliably on messy, unstructured real estate contracts.
- Improved engineering productivity by **~70%** by introducing hands-on AI workshops and creating reusable prompt frameworks that teams could directly apply to their daily development workflows.
- Cut production debugging time by **~50% and prepared the system to handle 3x traffic growth** by implementing OpenTelemetry-based tracing, structured logging, and performance monitoring while restructuring services with caching and async job queues.

Rentomojo - Senior Software Engineer (08/2019 - 05/2021)

- Increased KYC automation from 27% to 88% by re-architecting the verification pipeline and building distributed microservices for automated identity validation.
- Reduced ETL costs by ~20% by migrating core data services from AWS to Azure and optimizing pipeline efficiency.
- Reduced support workload by 30% by implementing chatbot and IVR automation systems.

Peoplegrove - Full Stack Developer (08/2017 - 08/2019)

- **Reduced bulk matching time from 2 hours to 15 seconds**, dramatically improving system performance, by redesigning the matching algorithm and optimizing database queries and indexing strategies.

SKILLS

Languages: JavaScript, TypeScript, Python, Go

Frontend: React, Next.js, Redux-Saga, VueJs, Zustand

Backend: Node.js, Express, NestJS, Jest, Mocha

Databases: PostgreSQL, MySQL, MongoDB, Redis

Infrastructure: Teraform, Docker, Kubernetes, AWS, Azure Observability: OpenTelemetry, New Relic

EDUCATION

B.Tech in Computer Science, R.G.P.V University (2012 – 2016)

PROJECTS

Airtribe.live (Cohort Platform MVP)

- Built and shipped the MVP for a cohort-based learning platform from 0 → production, enabling educators to manage sessions, enrollments, and payments.
- Drove early traction with 1,000+ unique visitors in the first month by designing a scalable full-stack architecture using React and Node.js.

Sanchay (Open Source AI Finance Co-Pilot)

- Built an open-source AI-powered finance assistant to analyze user financial data and generate spending insights using NLP workflows and modular backend services.
- Designed extensible architecture for transaction parsing and categorization, enabling future integrations and customization.

Scrapebit SDK (Developer Tooling)

- Designed and developed a scraping SDK to enable programmatic data extraction and automation workflows, focusing on reliability, abstraction, and ease of integration.
- Built modular APIs and reusable components to simplify browser automation and structured data extraction for developers.

Scrapebit (AI-Powered Web Data SDK & Automation Platform)

- Built an AI-driven web data extraction platform and SDK enabling developers to programmatically scrape, structure, and automate workflows across dynamic websites.
- Designed a modular SDK architecture abstracting browser automation, proxy handling, and data parsing, improving developer integration speed and reliability.
- Implemented scalable scraping pipelines with queue-based execution and structured logging to handle dynamic content and anti-bot challenges.

FIND ME ONLINE

Blogs: https://medium.com/@ashwinsingh632

LinkedIn: https://www.linkedin.com/in/ashwani-kumar-97465186/

GitHub: https://github.com/ashwinsingh2007