Akshat Jain

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Profile

Dynamic Software Engineer with 3 years of experience, driving impactful solutions in full-stack development and data analytics. Expertise in crafting scalable applications and intuitive user interfaces, utilising a suite of technologies including JavaScript, React, and Python. Proven ability to enhance performance metrics through innovative architecture and real-time analytics, enabling significant improvements in operational efficiency. Adept at collaborating with cross-functional teams to deliver user-centric products that meet diverse market needs. Passionate about leveraging technology to transform complex data into actionable insights while supporting global usability.

Professional Experience

Software Engineer, Infinite Analytics, Mumbai
Aug 2023 — Present

- Led the development of a scalable BI platform (PowerBI-like) used for multi-platform campaign monitoring, enabling **40% faster performance analysis** through real-time, data-driven dashboards.
- Architected a flexible chart-creation framework integrating Plotly, Chart.js, ApexCharts, reducing new visualization development time by **50%**.
- Built a resizable, Bento-style analytics dashboard to create custom insights with **zero engineering involvement**.
- Designed a SQL query-builder that accelerated chart creation and supported geospatial + marketing datasets.
- Implemented Redis caching and RabbitMQ queueing, cutting dashboard load times by **35%** and improving data pipeline reliability.
- Integrated **New Relic** for performance monitoring and **Google Analytics** for usage tracking, improving observability and guiding product decisions.
- Delivered multilingual support for **16 languages**, expanding platform usability across global teams.
- Worked on campaign performance optimization dashboard using advanced analytics, which improved decision-making speed for marketing teams.
- Currently developing a recommendation engine to optimize segment-level marketing expenditure using Random Forest, MinMaxScaler, and RNN models built with TensorFlow and Keras.

Founder & Full-Stack Developer, Finemate, Indore
May 2022 — Jul 2023

- Designed, built, and deployed a full-stack learning platform aimed at improving long-term memory through spaced repetition, social learning, and gamified engagement.
- Developed a React-based frontend and Flask backend, delivering a responsive, SEO-optimized web app with an intuitive user experience.
- Created a flashcard system and social-media-style interface supporting interactive learning, collaboration, messenger features, graphical to-do lists, and community engagement.
- Produced and designed **100+ social media content pieces**, improving user reach and brand visibility.
- Built a custom content-creation platform using H5P and WYSIWYG tools to support infotainment posts and question-based learning modules.
- Managed end-to-end UX/UI design, content writing, and product strategy—including research in cognitive science to guide feature development.
- Implemented scalable backend services using MongoDB, MongoEngine, REST APIs, AWS deployment pipelines, and modern UI libraries like Material UI and Bootstrap.

Software Engineering Intern, SI Online, Ratlām
Jan 2022 — Apr 2022

- Developed and maintained applications within a LAMP stack, contributing to core modules such as **IRCTC Agent Registration**, **AEPS**, and **Video Tutorials**.
- Built backend APIs to enable fast, reliable querying of analytical data for IRCTC agents, improving data accessibility and operational efficiency.
- Collaborated on feature enhancements and module optimizations, ensuring secure, scalable, and high-performance backend workflows.

Freelancing Projects, StyleMySpace3D, Indore

Freelancing Projects, House of Sagar, Indore

Education

Shri Vaishnav Institute of Science and Technology, Indore
Bachelors in Information Technology, Jul 2018 — Jun 2022

Patidar Higher Secondary School, Dhar
12th

St. George Higher Secondary School, Dhar
10th

Technical Skills

Languages	JavaScript, TypeScript, Python
Frontend	React.js, Next.js, Redux, Redux-thunk, BootStrap, Tailwind, Material UI, Radix, Plotly.js, Apexchart.js, Chart.js, D3, Kepler,-React-hook-form, Streamlit, HTML5, CSS3
Backend	Node.js, Express.js, Flask, FastAPI, MongoEngine, SQLAlchemy,
Database	MySQL, PostgreSQL, MongoDB, Firebase, Redis, RabbitMQ, Elasticsearch, Cassendra
Other tools and technologies	Selenium, Beautiful Soup, EC2, S3, AWS, Nginx, Pandas, Numpy, Matplotlib, Scikit-learn, Figma, Git, Wordpress, Websocket, WebRTC,-Splunk, Superset, Trino, Auth0, Airflow, Improvado, DataDog
Learning (in progress)	Pinecone, RAG, CAG, LangChain, LlamaIndex, Docker

Courses

Artificial Intelligence & Machine Learning using Python, Ardent Computech

Links

GitHub | LeetCode | HackerRank | LinkedIn | Mail