

Ali Haider Khan

🌐 alihaiderkhan.com
📄 github.com/ArgonautAli
+91-██████████

alihaiderkhannews@gmail.com
in linkedin.com/in/alihaiderkhan
📧 medium.com/@AliHaiderKhanNews

EXPERIENCE

- **Consilio LLC** Bangalore, KA
Sr. Engineer, full-stack, AI R&D *November 2024 – Present*
 - **Rapid prototyping engineer** deploying vLLMs, building web-based AI agents, experimenting with tech.
- **Pibit.ai** Bangalore, KA
SDE-2 *June 2023 – November 2024*
 - **Led team** in developing annotation and document automation tool, optimizing workflows and ensuring accuracy using React, **reducing** operation's time **from 12 to 1 hour**.
 - Integrated AI models for **computer vision, NLP, & OCR**, boosting automation and increasing accuracy from **71% to 99%**.
 - Managed **AWS** architecture deployment using **EC2, AWS CodePipeline & CodeBuild**, ensuring seamless deployment and scalability.
 - Worked with **FastAPI/Python** based **microservices** to create independent services that can be individually managed and scaled using **AWS Lambda**.
 - Transformed **Figma** designs into a pixel-perfect company website leveraging the **Next.js** framework
- **Miho Innovations Pvt. Ltd.** Ahmedabad, GJ
SDE-1 *July 2022 – June 2023*
 - Spearheaded **React.js** implementation to create tutor & student side edtech portals.
 - Engineered scalable **REST APIs** using **ExpressJS**, employing optimized routing and middleware strategies, which led to a remarkable **30% enhancement** in server response times.
 - Developed **live-chat microservice** with **WebSockets/TCP** to handle 1000+ users.
 - Engineered **SQL database** schema, to build community feature from ground up.
 - Integrated microservices and third-party apps like **Google SSO, Zapier, AppSumo**, etc.
 - Launched a **user-pay service** with a **99% success rate** utilising **Chargebee** and **Razorpay** to boost revenue streams by 20% and facilitate transactions between instructor and student portals.
- **Bloggers Mind Pvt. Ltd.** Delhi, IN
SDE-1 *Jan 2021 – July 2022*
 - Led digital product development for brands like **Vivo, PepsiCo India, Sopra Steria, Saffola, Bajaj** increasing client retention by 20%.
 - Enhanced user interfaces with JavaScript/TypeScript and React, driving a 30% increase in engagement by creating landing pages & campaign pages.
 - Implemented **infrastructure scaling** and **load balancing** strategies to accommodate increased traffic demands, including **auto-scaling configurations** to scale systems for a 50% traffic surge.

SKILLS SUMMARY

- **Languages:** JavaScript/TypeScript, Python, C++, Dart, SQL, CSS, HTML
- **Frameworks and Tools:** Next.js, React (with TypeScript and JavaScript), FastAPI, Express.js, Flutter, Docker, Git, Websockets, Figma
- **Databases:** MySQL, PostgreSQL, MongoDB, Redis, SQLite, Firebase (Firestore)
- **Cloud Platforms:** AWS.

PROJECTS

- **Doodle lab** Javascript, Python, S3, Cloudfront
GitHub *Live*
 - Developed an interactive tool that classifies doodles using a **Convolutional Neural Network (CNN)** built with **Python & Keras**.
 - Deployed the model on **AWS S3** and served it through **CloudFront** for fast, scalable, and secure content delivery with no server setup required.
 - Integrated **TensorFlow.js** for client-side inference, allowing the model to be accessed and run directly in the browser using **JavaScript**.
 - Ensured seamless performance by optimizing the front-end with lightweight, serverless architecture for real-time classification of user-generated doodles.

- **AI-powered entertainment recommendation** Next.js, OpenAI API, Vercel, CI/CD
GitHub *Live*
 - Developed a full-stack web application using **Next.js** to provide recommendations for shows, films, and books.
 - Integrated **OpenAI API** in JavaScript for generating AI-powered recommendations.
 - Set up **CI/CD pipelines** for automated testing, building, and deployment, ensuring continuous integration and delivery.
 - Deployed the application seamlessly with Vercel, enabling efficient and scalable hosting.

- **ArSky** Node.js, TypeScript, npm
GitHub *npmjs*
 - Developed an **open-source Node.js CLI tool** for generating or fetching ASCII art using typescript.
 - Implemented functionality to retrieve ASCII art from ASCII archives or Google Image Search based on user input using **web-scraping**.
 - Added features to create custom ASCII art from an image file, providing flexibility for users.
 - Published the tool on **npmjs** for easy installation and access by the **OS developer community**.

EDUCATION

- **GGSIPU** Delhi, IN
B.Tech. in Mechanical & Automation Engineering, First Class *Aug 2014 – Jul 2018*

ACHIEVEMENTS AND OTHER NOTABLE INVOLVEMENTS

- **Sports:** Archery team captain- University, Bronze medal at Delhi Inter-State Tournament