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EXPERIENCE

• Pibit.ai

SDE-2

Bangalore, KA

June 2023 – Present

- **Led Frontend team** in developing annotation and document automation tool, optimizing workflows and ensuring accuracy using React/Typescript, **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.
- Developed **FastAPI/Python** based **microservices**, leveraging **AWS Lambda** to create independent services that can be individually managed and scaled.
- Transformed **Figma** designs into a pixel-perfect company website leveraging the Next.js framework

• Miho Innovations Pvt. Ltd.

SDE-1

Ahmedabad, GJ

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.

SDE-1

Delhi, IN

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

- **Bloggergram** Node.js, React, Websockets, MongoDB
Github
 - Developed a microblogging application with **real-time live chat** functionality utilizing **NoSQL databases (MongoDB)** for efficient data storage and retrieval.
 - Implemented **RESTful APIs** using **Express.js** to handle client-server communication, ensuring seamless integration and interaction with the front end.
 - Integrated authentication and authorization mechanisms using **JSON Web Tokens (JWT)** to enhance security and protect user data.
 - Designed and implemented real-time live chat functionality using **socket.io**, ensuring low-latency, bidirectional communication between clients and the server.
- **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