

Mohit Gupta

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HIGHLIGHTS

- **Leadership and Innovation:** Founded an EdTech startup to assist schools with technological solutions that streamline teaching methods and automate daily tasks. Previously co-founded an eldercare startup as CTO, gaining valuable experience in market research and product development.
- **Dynamic Project Leadership:** Managed and delivered multiple projects as a freelancer and consultant, leading teams of 4-6 members and ensuring timely completion through a solution-oriented approach.
- **Innovative Technologist:** Passionate about leveraging technology to simplify lives, led developments across various fields such as education, business solutions, and IoT, focusing on enhancing product innovation and data processing efficiency.
- **Diverse Freelance and Consulting Expertise:** Over the past 4 years, completed projects in inventory management, employee monitoring, story writing, integrated web components, extensions, and educational management platforms. Founded a consultancy firm to successfully release products for clients.
- **Commitment to Continuous Learning:** Dedicated to embracing challenges and pursuing excellence through lifelong learning to create meaningful technological advancements.

EXPERIENCE

● Consulting and Contracting

Designed, Developed and Deployed problem solving products for scale

Nov 20 - present

- Crafted front-end solutions with ReactJS, incorporating PWA features for mobile deployment.
- Built Chrome extensions and integrable components like chatbots and calculators with analytics.
- Worked with distributed systems and microservices for seamless communication.
- Developed, deployed, and managed messaging queues with RabbitMQ and Pulsar.
- Processed high volumes of data from IoT devices using Pulsar messaging queues.
- Implemented WebSockets and WebRTC for real-time data and communication systems.
- Optimized data retrieval using Redis caching and improved API performance.
- Automated tasks through scripting with Python and JavaScript for data processing and validation.
- Engineered data extractors, scrapers, and proxies, and plugged into AWS and Azure.
- Designed desktop apps for monitoring and reporting employee activities comprehensively.
- Integrated payment systems with Stripe and RazorPay, supporting various payment models.
- Created APIs for robust event handling and partner communication networks.
- Developed dynamic web forms and analytics services for enhanced data interaction.
- Managed infrastructure components, honing skills in OS, virtualization, and digital systems.
- Leveraged cloud technologies like Docker, Kubernetes, AWS, and Azure for deployment.
- Utilized Git, Mercurial, Jira, Confluence, and Jenkins for project management and collaboration.

● Learn Place

Founder

Jan 2024 - Sep 2024

- Built and lead team for product development, content and marketing from scratch
- Designed and built the multi tenant based product serving on web and mobile platforms
- Distributed and implemented in major local schools, successfully managing all their day to day operations on our product
- Researched and curated copyright free content for teachers to help while they teach students

- Researched and understood ground level challenges of a teacher by working as a part time teacher in a local public school

• Haki Care

Co-Founder

Dec 2020 – Aug 2021

- Built the MVP from scratch: A health data management and analytic platform
- The app was a Django REST-backed API and a React front end (PWA)
- The app was deployed on AWS EC2 manually with an NGINX box in the front with letsencrypt SSL
- We also experimented with an appointment management tool, based on Django channels
- Built health data analytics platform and vital monitoring system with alerts
- Built a online video consultancy platform to connect doctors and remote care centers

SKILLS

- **Technologies:** Python, Django, JavaScript, NodeJS, React, Next.js, Nest.js, Angular, Flask, AWS Services, Azure, Docker, Kubernetes, Firebase, WebRTC, Postgresql, MongoDB
- **Tools/Platforms:** SaaS Products, Internal tools, RabbitMQ, Pulsar, DevOps, Server Management, Storage Management, OAuth, MQs, Kafka, Background Processing, Multi Processing, Desktop Apps, WebSockets, Containerization, CI/CD, Multi-Tenant Architecture
- **Additional Skills:** PWAs, System Integrations, ETL, Microservices

PROJECTS

- **Learn Place (learnplace.in):** Learn Place is designed to streamline education by minimizing time spent on theoretical teaching. With innovative features, it automates daily management tasks, enhancing student experience and increasing admissions, while helps schools in expanding to new locations.
- **Align AV (alignav.com):** Align AV is a comprehensive asset management tool that facilitates seamless asset tracking and management across countries and continents. It features current value assessment, user accessibility, depreciation tracking, and location-based monitoring.
- **Democratyz (democratyz.io):** Democratyz offers an integrated platform for developers and website owners to add functional financial calculators to their sites in under a minute. This tool helps convert site visitors into customers efficiently.
- **Smart Change Hub (emsource.co.uk):** Smart Change Hub is an application that provides high-level organizational insights into employee productivity. As the development lead, I managed the application development with my team and played a significant role in product design.
- **Various other projects as a Freelance Developer:** Engaged in multiple projects, contributing technical expertise in software development, deployment and product design aiming to optimize for target customer base in Iot, ETL, Education, AI, Code Integrations, Story writing and few other industries.

EDUCATION

- **Bachelor's Degree in Computer Science Engineering** 2017- 2021
Truba Institute Of Engineering and Information Technology *Bhopal, MP*

ADDITIONAL

With a proven track record of successfully managing projects independently and collaborating seamlessly within teams, I am dedicated to delivering results. I have demonstrated exceptional ownership of projects, particularly when working alongside seasoned developers and project managers with 6-10 years of experience. This experience has enabled me to ensure impactful contributions and achieve high levels of satisfaction.