

ARIHANT JAIN

arihantjain416@gmail.com | +91-8094221469 | Delhi (IN) | [LinkedIn](#) | [GitHub](#) | [LeetCode \(300+\)](#) | [Website](#) | [Blog](#)

WORK EXPERIENCE

Senior Software Engineer

Karza Technologies (Perfios)

April 2024 - Present

Delhi, Hybrid

- Designed high-throughput distributed APIs handling **1M+ daily requests** using **event-driven architecture**, **Redis**, and **optimized database indexes**, achieving **99.9%** uptime and **1.2s** average latency.
- Engineered a resilient microservice processing **200K+ daily requests** leveraging **Celery**, **Docker**, and **AWS Fargate**, shrinking vendor costs by over **INR 4L/month**.
- Implemented **OWASP-compliant** security controls - including rate-limiting, gateway filtering, and user authentication, boosting security posture by **12%**.
- Streamlined deployments via **Docker containerization**, reducing **cold starts by 15%** and downtime by **10%**.
- Mentored 10+ engineers and revamped hiring + PR workflows, enhancing collaboration across engineering teams.

Software Engineer I

Karza Technologies

October 2022 - April 2024

Mumbai, Remote

- Developed and maintained **30+ APIs** for Total-KYC by integrating data from **300+ sources**, truncating latency by **30%** and server load by **40%** through **caching** and **parallel processing**.
- Automated API logistics using **cron jobs**, improving billing accuracy by **25%** and accelerated batch processing by **30%**.
- Delivered a webhook-based payment system processing **200+ daily transactions** with **DLQ-based failovers**, achieving a **95% success rate**.
- Optimized database indexing strategies to improve query performance and reduce throttling by **15%**.

Software Engineer

InTimeTec

March 2021 - September 2022

Jaipur

- Transformed a legacy **.NET desktop app** into a modern **Angular-based web platform**; improved load time and responsiveness by **40%**.
- Led a cross-functional team of **5 engineers** across 9 modules, owning frontend architecture and acting as primary point-of-contact for the client.
- Created secure **CI/CD pipelines** via **Azure Repos** with **2FA-enabled deployments**, reducing release cycles by **30%**.
- Redesigned the frontend development lifecycle, resulting in **2x higher user satisfaction scores**.

TECHNICAL SKILLS

Languages: JavaScript, Java, **Python**, **C++**

Frameworks & Libraries: FastAPI, Node.js, **Angular**, React.js

Cloud & DevOps: Serverless, Azure Repos, **AWS**, **Docker**

Databases: SQL, SQLite, **MongoDB**, **Redis**

Data & Automation: Scrapy, Pandas, NumPy, Selenium, **BeautifulSoup**

Message Queues: Kafka, RabbitMQ, **Celery**, **Amazon SQS**

CS Fundamentals: OOP, System Design, **Data Structures**, **Algorithms**

Others: Rest APIs, Design Patterns, Distributed Systems, **Web Scraping**, Linux,

PROJECTS

Code Runner — *Python, SQLite, Celery, Docker*

- Built a fault-tolerant, sandboxed Python code runner (5–6 concurrent runs) using Celery, Docker, and SQLite with retry and isolation mechanisms.

GitDevFinder — *React.js, Context API, GitHub API, Netlify*

[Live Demo](#)

- Developed a GitHub developer search platform with real-time API calls, pagination support (100 profiles/session), and a responsive UI using **React.js** and **Context API**.

EDUCATION

Swami Keshvanand Institute of Technology

Jaipur

B.Tech, Information Technology

August 2017 – June 2021

- CGPA: 8.0/10**
- Completed certifications on Server-Side Development (Node.js), Algorithmic Toolbox.
- Secured **All India Rank 91** in Round 1 of TCS CodeVita Season 9 (2020).