Arihant Jain

arihantjain416@gmail.com · +91-8094221469 · Delhi, India · **LinkedIn** · **Portfolio**

WORK EXPERIENCE

Senior Software Engineer   Perfios (Karza Technologies)

October 2022 – Present   *Delhi, India*

- Built and scaled a **high-availability API platform** serving **1M+ daily requests with 99.99% uptime**, reducing latency by **66%** using event-driven design, load balancing, and caching.
- Saved **Rs.4–5 Lakhs/month (36%)** by offloading peak traffic to a Celery + AWS Fargate-based microservice, optimized for cost-efficiency and performance.
- Implemented **OWASP-compliant security measures** — including token-based auth, rate-limiting, and threat detection — enhancing security posture by **42%**.
- Developed and maintained **50+ RESTful APIs**, aggregating data from **300+ sources**, increasing system throughput by **13%**.
- Automated billing and webhook pipelines for **200+ daily transactions**, cutting processing time by **30%** and boosting accuracy by **25%**.
- Mentored **10+ engineers**, improving PR quality, guiding architecture decisions, and actively supporting recruitment and onboarding.

Software Engineer   InTimeTec

March 2021 – September 2022   *Jaipur, India*

- Transformed a legacy desktop tool into a modern **Angular-based web application**, enhancing functionality across **9 modules** and tripling operational efficiency.
- Directed a team of **4 engineers**, improving **CI/CD automation**, and reducing deployment time by **50%**, while enhancing system flexibility and user workflows.
- Introduced unit testing for Angular components using **Karma & Jasmine**, increasing test coverage by **60%** and improving app stability.
- Applied clean code principles and design patterns to reduce debugging time by **25%** and improve long-term maintainability of the codebase.

TECHNICAL SKILLS

Languages	Python · C++ · JavaScript · Java · TypeScript
Frameworks & Libraries	FastAPI · Node.js · Angular · React.js
Cloud & DevOps	AWS (Lambda, S3, Fargate, ECS, ECR, EC2) · Docker · Kubernetes
Databases	SQL · SQLite · MongoDB · Redis
Data & Automation	Scrapy · Selenium · BeautifulSoup · Playwright
Message Queues	Kafka · RabbitMQ · Celery · Amazon SQS
CS Fundamentals	OOP · System Design · Data Structures · Algorithms
ML/AI Tools	NumPy · Pandas · Scikit-learn · Matplotlib · OpenAI API
Others	REST APIs · Design Patterns · Distributed Systems · Linux

PROJECTS

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

- Built a secure, fault-tolerant sandbox to run untrusted Python code using Celery + Docker, supporting **5–6 concurrent runs** with automatic retries and timeout isolation.

GitDevFinder — *React.js, Context API, GitHub API*   Live Demo

- Created a fully responsive GitHub user search interface with real-time API calls and pagination using React.js and Context API; displayed **100+ user profiles** per session.

EDUCATION

Swami Keshvanand Institute of Technology   Jaipur, India

*Bachelors, Information Technology (**CGPA: 8.0/10**)*   *August 2017 – June 2021*

- Secured **All India Rank 91** in Round 1 of TCS CodeVita Season 9 (2020).
- Completed certified courses on Server-Side Development (Node.js) and Algorithmic Toolbox.