

# Arihant Jain

## Senior Software Engineer

arihantjain416@gmail.com · 8094221469 · New Delhi, India · [Linkedin](#) · [Portfolio](#)

### WORK EXPERIENCE

#### Senior Software Engineer

Oct 2022 – Present

Perfios (Karza Technologies)

New Delhi, IN

- **Reduced API latency by 66%** and **ensured 99.99% uptime** for a high-availability platform serving **1M+ daily requests**, achieved through 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, optimised for cost and performance.
- **Enhanced system security by 42%** through implementing OWASP-compliant measures, including token-based authentication, rate-limiting and threat detection.
- Automated billing and webhook pipelines for **200+ daily transactions**, cutting processing time by 30% and **boosting accuracy by 25%**.
- **Increased system throughput by 13%** by developing and maintaining **50+ RESTful APIs** aggregating data from **300+ active websites**.
- **Mentored 10+ engineers, reviewed 100+ pull requests**, guided system design decisions, and supported recruitment and onboarding by conducting technical interviews.

#### Software Engineer

Mar 2021 – Sep 2022

InTimeTec

Jaipur, IN

- Transformed a legacy desktop application into a modern Angular web app, **scaling from 3 to 9 modules, within 10 months** while leading all client interactions to align development with business requirements—**tripling operational efficiency**.
- **Led a team of 4 engineers, reducing deployment time by 44%** through improved CI/CD automation, while enhancing system flexibility and user workflows.
- Introduced unit testing for Angular components using **Karma & Jasmine**, increasing test coverage by **54%** and improving app stability.
- Enforced best practices and implemented design patterns to reduce debugging time by **25%** and **improve long-term maintainability** of the codebase.

### TECHNICAL SKILLS

#### Programming Languages

Python · C++ · JavaScript · Java · TypeScript

#### Frameworks & Libraries

**FastAPI** · Node.js · **Angular** · React · Serverless

#### Cloud, DevOps & ML/AI Tools

AWS · Docker · Kubernetes · NumPy · Pandas · OpenAI API · Linux

#### Databases & Caching

SQL · SQLite · **MongoDB** · **Redis**

#### Automation & Web Scraping

Scrapy · **Selenium** · **BeautifulSoup** · Playwright

#### Message & Task Queues

Kafka · RabbitMQ · **Celery** · Amazon SQS

#### Design Concepts

Object-Oriented Programming · Data Structures · Algorithms · Event-Driven & Microservice Architecture · Distributed Systems · Asynchronous Processing

### PROJECTS

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

[GitHub](#)

- Built a secure, fault-tolerant Python sandbox using Docker and Celery, supporting 5–6 isolated concurrent runs with 60s timeouts and automatic retries.

#### 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

B.Tech, Information Technology (**Aggregate Score: 75.2%**)

Aug 2017 – Jun 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.