Aryan Patel

+91-9106028787 | aryancpatel07@gmail.com
LinkedIn: linkedin.com/in/aryan-patel-4272191a4
Portfolio: aryan071.github.io/Portfolio | GitHub: github.com/Aryan071

PROFESSIONAL SUMMARY

Full Stack Software Engineer with **2+ years** of experience in building **scalable microservices, distributed systems, and cloud-native applications**. Skilled in **system design, REST/GraphQL APIs, and database optimization** with expertise in **Node.js, Python, React.js, and AWS/Kubernetes**. Strong background in **Agile development, unit testing, and CI/CD automation, delivering high-performance, reliable software solutions**.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, TypeScript, JavaScript, C#, Kotlin
Frameworks & Libraries: Node.js, Express.js, React.js, GraphQL, .NET
Databases: MySQL, PostgreSQL, MongoDB, Redis, Druid
Cloud & DevOps: AWS, GCP, Docker, Kubernetes, Terraform, Apache Airflow, CI/CD (Continuous Integration & Deployment)
Engineering & Tools: Microservices, System Design, Distributed Systems, Scalability, DSA, REST APIs, Git, Linux/Unix, Unit Testing, Test Automation, Agile/Scrum

SOFT SKILLS

- Collaboration & Communication, Initiative & Ownership, Problem-Solving, Deadline-Driven Execution

EXPERIENCE

AVESTA TECHNOLOGIES PVT. LTD | ExpressJS, Druid, ReactJS, MySQL, S3, CI/CD, Git, REST API, Node.js
Software Engineer I|02/2023 - Present, Ahmedabad(Gujarat)
View.com
- Designed and developed the **HolidayRentals microservice** for View.com, enabling short-term property rentals (<30 days) and driving a **20% increase in daily traffic** and higher user retention.
- Built distributed data pipelines with **Druid + MySQL**, reducing **query latency by 40%** and improving dashboard **scalability**.
- Optimized image processing in microservices, **cutting file size by 30%** and **reducing load times by 25%** for millions of daily requests.
- Implemented **unit testing** and **CI/CD pipelines**, ensuring reliable deployments and faster release cycles.
- Collaborated with cross-functional teams in an **Agile/Scrum environment**, leading code reviews and reducing average issue resolution time by 30%.

INFRAVEO TECHNOLOGIES PVT. LTD|NodeJS, HTML, CSS, MongoDB, Git
Software Developer Intern|04/2022 - 07/2022, Ahmedabad(Gujarat)
TastyMeal.com
- Developed a **microservices-based backend** using Node.js, capable of handling **1,000+ concurrent users**, reducing server crashes by **50%**.
- Optimized queries with **MongoDB aggregation pipelines** and applied efficient **data structures & algorithms (DSA)**, reducing execution time by **35%**.
- Applied **unit testing** for critical endpoints, improving system reliability and reducing production defects.
- Implemented **Redis caching** and **API performance optimization**, boosting response speed by **40%** for high-traffic endpoints.
- Enhanced **user experience and retention (15% increase)** by improving user flow in a fast-paced **Agile/Scrum environment.**

EDUCATION

Charotar University of Science and Technology – B.Tech in Computer Science and Engineering
Jul 2019 – Apr 2023 | GPA: 8.63/10

- **Relevant Coursework:** Data Structures & Algorithms, System Design, Database Management Systems, Operating Systems, Machine Learning with Python, Full Stack Development, Mobile App Development

MRS High School – Senior Secondary (XII), Science
Jul 2017 – Apr 2019 | GPA: 8.25/10

PERSONAL PROJECTS

NewsInShort App |Kotlin, Jetpack Compose: [Github](#)

- Built an enterprise-grade Android application using **Kotlin, Jetpack Compose, and Clean Architecture**, ensuring maintainability and scalability.
- Implemented an **offline-first intelligent caching strategy**, reducing network usage by **70%** and improving **high availability**.
- Achieved **95% device compatibility** across Android 7–14 with **30+ data sources** and **8 content categories**, following best practices in **system design** and **performance optimization**.

CodeSync - Real-time Collaborative Code Editor |React, Node.js, MongoDB, OpenAI: [Github](#)
- Engineered a **real-time collaborative code editor** using **React, Node.js, and MongoDB**, supporting **15+ programming languages**.
- Applied **system design and distributed systems principles** with Operational Transformation to achieve **sub-100ms latency** for **10+ concurrent users**.
- Designed the platform for **scalability and fault tolerance**, ensuring smooth collaboration under high concurrency.
- Integrated **AI-powered** features (auto-completion, error detection, review) with GPT-4, improving developer productivity by **40%**.
- Ensured reliability and maintainability through **unit testing and CI/CD pipelines.**