

CHIRAG RAJ

📞 +91 7898600224 ✉ itschiragraj2025@gmail.com [🌐 LinkedIn](#) [📄 GitHub](#) [🌐 Portfolio](#)

Experience

Amiti Software Technologies

Apr 2025 – Present

Software Engineer

Bangalore

- Worked on enterprise-scale automotive and vehicle remarketing platforms for global clients, including **BMW**, **GMF**, **Volkswagen**, and **Ford**, through **OPENLANE**, contributing to backend services, production releases, debugging, monitoring, and performance optimization across staging and production environments.
- Contributed to the migration of multiple private-label (PL) applications from legacy **Java-based systems** to modern **.NET architecture** by developing **microservices**, **RESTful APIs**, and **BFF services**.
- Improved application performance and frontend responsiveness, reducing page load time by **50%** through API optimization and efficient data loading strategies.
- Implemented infinite scroll-based pagination to replace traditional pagination during migration initiatives, improving user experience and reducing frontend data-loading overhead for large datasets.
- Built batch processing jobs for automated notification workflows and report generation, improving operational efficiency and reducing manual processing effort.
- Implemented **telemetry** and distributed tracing using **Honeycomb** for microservices, improving production debugging and root cause analysis efficiency by **35%**.
- Collaborated on containerized deployments and **CI/CD workflows** using **Docker**, **Kubernetes**, **Helm**, and **GitHub Actions** to support scalable and reliable application delivery.
- Contributed to frontend modules and cross-functional Agile engineering workflows using **React.js**, **TypeScript**, and modern frontend integration practices such as **micro-frontend architecture**, while maintaining technical documentation and supporting knowledge transfer initiatives.
- Tech Stack: **C#**, **.NET**, **Java**, **Spring Boot**, **React.js**, **Docker**, **Kubernetes**, **Redis**, **MySQL**, **GitHub Actions**

Aliter Business Solutions

Mar 2024 – Mar 2025

Full-Stack Developer

Ahmedabad

- Managed cron jobs, developed custom PDF generation and CRUD functionalities, resolved application bugs, and contributed to the development of an in-house task management system that reduced costs by **70%**.
- Designed and implemented optimized pagination components and aggregation pipelines, reducing query response time by **50%**.
- Tech Stack: **Node.js**, **Express.js**, **RESTful APIs**, **MongoDB**, **Vue.js**, **Nuxt.js**

Projects

LinkBin | *React.js, Node.js, Express.js, MongoDB, Redis, JWT, Docker, GitHub Actions*

[GitHub](#)

- Built a **MERN stack URL shortener and paste sharing platform** with **JWT authentication**, protected dashboard, custom aliases, paste visibility controls, expiry handling, **QR code generation**, and analytics.
- Designed scalable **REST APIs** using **Express.js**, **MongoDB**, and **Mongoose** with schema indexing, soft delete, input validation, centralized error handling, and secure password hashing using **bcrypt**.
- Implemented **Redis cache-aside redirects** and Redis-backed rate limiting, along with **Swagger API documentation**, **Jest** and **Supertest integration tests**, **Docker Compose** setup, and **GitHub Actions CI** for automated build and test validation.

TrackMint | *React.js, TypeScript, ASP.NET Core, PostgreSQL, RabbitMQ, Docker, JWT*

[GitHub](#)

- Built a **microservices-based personal finance tracker** with an **API Gateway**, **JWT authentication**, and independent **Auth**, **Finance**, **Insights**, and **Notification services** for managing accounts, transactions, budgets, goals, and recurring expenses.
- Designed backend services using **ASP.NET Core**, **PostgreSQL**, and **Entity Framework Core** with clean service boundaries, database ownership, user identity projection, input validation, centralized error handling, and secure password hashing.
- Implemented **RabbitMQ-based event-driven communication**, **Docker Compose** orchestration, service-level unit tests, and **GitHub Actions CI** to validate builds, tests, compose configuration, and Docker image builds across multiple services.

Technical Skills

Languages: C#, Java, JavaScript, TypeScript, C++, C, SQL

Backend Technologies: .NET, ASP.NET Core, EF Core, LINQ, Node.js, Express.js, RESTful APIs, Microservices, Serilog, Swagger

Frontend Technologies: React.js, Vue.js, Micro-frontend, HTML, CSS, Storybook, Bootstrap, Tailwind CSS

Databases & Messaging Systems: MongoDB, PostgreSQL, MySQL, Redis, RabbitMQ, Apache Pulsar

DevOps & Cloud: Docker, Kubernetes, AWS, Helm, GitHub Actions, CI/CD

Tools & Platforms: Git, GitHub, Postman, Charles Proxy, VS Code, IntelliJ, Honeycomb, Studio 3T, DBeaver, Claude, Codex

Core Concepts: DSA, OOP, DBMS, CN, OS, Linux, System Design, Distributed Systems, Debugging, Performance Optimization

Education

Samrat Ashok Technological Institute (SATI), Vidisha

Jul 2019 – Jun 2023

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.32

Profiles and Achievements

- **Coding Profiles:** [LeetCode](#) | [GFG](#) | [Coding Ninjas](#)
- **Certificates:** [Drive Link](#)
- Secured **AIR 119** among **85,000+** participants in **Innovate India Coding Championship (IICC)**. | [Link](#)
- Secured the **Annual LeetCode Badge** for 2 consecutive years (2022–2023), an achievement held by the Top **0.4%** of LeetCode users, along with earning the **500 Days Coding Consistency Badge**.
- Solved **1000+** Data Structures and Algorithms (DSA) problems across multiple coding platforms, strengthening problem-solving and algorithmic skills. | [Codolio Link](#)