Chetan Kawarkhe

Full-Stack Software Developer (.NET & React.js)

Karve Nagar, Pune

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SUMMARY

Result-driven Full-Stack Software Developer with 3+ years of professional experience engineering enterprise fintech applications using C# .NET, ASP.NET MVC, ASP.NET Web API, SQL Server, Entity Framework, and React.js. Proven track record in developing high-volume transaction processing systems, optimizing complex database queries, and designing cross-platform mobile apps using React Native. Adept in Agile methodologies, SOLID principles, and clean code architectures.

EXPERIENCE

Micromentis — February 2023 – June 2026

Full-Stack Software Developer — *Pune, Maharashtra*

- Engineered scalable backend architectures for enterprise FASTag payment systems using C# .NET, ASP.NET MVC, Entity Framework, and SQL Server database structures.
- Built and optimized robust full-stack processing pipelines handling over 50,000+ financial transactions daily with high reliability.
- Designed and implemented secure, production-grade RESTful APIs and ASP.NET Web API endpoints for seamless backend system integrations.
- Optimized long-running SQL queries, stored procedures, and execution plans, boosting core data transaction performance by over 30%+.
- Maintained real-time high-throughput transactional records adhering to strict system logic to ensure 99.9% data accuracy.
- Integrated backend data contracts with frontend views utilizing React.js, Razor Pages, and JavaScript frameworks to increase application responsiveness.
- Architected financial ledger management logic for key fintech banking clients using advanced Object-Oriented Programming (OOP) concepts.
- Collaborated effectively within a high-performance cross-functional Agile team to execute sprint items, debug production systems, and deliver features on schedule.

PROJECTS

Mass Transit Management System (MTMS) | *ASP.NET MVC, SQL Server, C# .NET, Bootstrap* — 2023 – 2026

- Developed scalable full-stack modules to manage and log financial FASTag transactions in real-time.
- Implemented optimized indexing and filtering metrics allowing fast lookup across large data sets.
- Designed real-time tracking dashboards using frontend chart frameworks to monitor processing metrics.
- Utilized LINQ and optimized database queries to minimize network latency on complex data operations.

M-Connect | *React Native, JavaScript, Tailwind CSS* — 2023 – 2024

- Developed a cross-platform mobile application using React Native for vehicle status monitoring and tracking.
- Built secure token-based user authentication and state management workflows.
- Designed dynamic interface dashboards for viewing structured user account balances and application data.
- Refactored navigation workflows and layouts to enhance overall application performance and visual layouts.

EDUCATION

Sinhgad Institute of Technology, Lonavala — 2018 – 2022

B.E. - Computer Engineering - CGPA: 8.7 — *Pune, Maharashtra*

TECHNICAL SKILLS

Languages: C#, JavaScript (ES6+), SQL

Backend Frameworks: ASP.NET MVC, ASP.NET Web API, Entity Framework, LINQ, REST APIs

Frontend Development: React.js, React Native, Razor Pages, HTML5, CSS3, Bootstrap, Tailwind CSS, ChartJS

Database Systems: SQL Server, Stored Procedures, Query Optimization, Database Design

Software Concepts: OOP, MVC Architecture, API Integration, SOLID Principles, Microservices, Performance Tuning

Development Tools: Git, Visual Studio, VS Code, MSSQL Server Management Studio, Postman

CERTIFICATIONS

React.js Essential Training | ECMAScript 6+ | JavaScript Essential Training | CSS Essential Training