

Gautam Kothari

Senior Software Engineer | React Native | React.js | Next.js | AI-Enabled Full Stack Developer

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WORK SUMMARY

Senior Software Engineer with 5+ years of experience building scalable mobile and web applications using React Native, React.js, Next.js, and TypeScript. Expertise in performance optimization, scalable architecture, and end-to-end product development, with proven experience delivering high-scale applications (5M+ users). Strong focus on AI-assisted development, leveraging tools like GitHub Copilot, Cursor, and Claude to accelerate development cycles and improve code quality. Skilled in designing robust systems, optimizing application performance, and delivering seamless user experiences across mobile and web platforms in Agile environments. Experience building and scaling applications used by millions of users with strong focus on performance, reliability, and user experience.

SKILLS & TECHNOLOGIES

- **Frontend & Mobile:** React Native, React.js, Next.js, TypeScript, Redux, Expo, Zustand, React Query
- **Backend & APIs:** Node.js, Express.js, GraphQL, REST APIs, Python, Core Java
- **Databases:** MongoDB, MySQL, Firebase, PostgreSQL, Supabase, Redis
- **Cloud & DevOps:** AWS (EC2, S3, Lambda, CloudWatch), CI/CD, Github Actions, Grafana, VPC
- **AI & Modern Dev:** LLM Integration, Prompt Engineering, AI-assisted development

TOOLS & PLATFORMS

- **Development Tools:** Android Studio, XCode, VS Code, Cursor AI, AntiGravity, ClaudeAI, Github Copilot
- **Collaboration & Workflow:** JIRA, Confluence, Miro, Postman

EXPERIENCE

Senior Software Engineer – Spiro (Mobilite Smart Solutions) (June 2025 – Present)

- Architecting and developing scalable React Native applications with focus on performance, modularity, and maintainability.
- Designing and implementing end-to-end mobile solutions including API integration, state management, and offline-first capabilities.
- Developed and enhanced SpiroConnect Mobile App (Business & Customer) integrating to IoT, Bluetooth, OTA updates, and offline-first architecture integrating IOT, OTA updates, Offline Architecture, Bluetooth and other features
- Implementing secure authentication, data encryption, and app-level security best practices
- Identifying performance bottlenecks and improving app responsiveness using memoization, lazy loading, and optimized rendering techniques.
- Collaborating with backend and product teams to design scalable APIs and data contracts
- Suggesting and implementing architecture improvements and reusable component libraries
- Leveraging AI-assisted development tools (Copilot, Cursor, Claude) to accelerate delivery and improve code quality

Senior Software Engineer (Full Stack / Mobile) – Ciklum (June 2021 – June 2025)

- Developed and scaled cross-platform mobile and web applications using React Native, React.js, and Node.js.
- Built and enhanced My MTN Super App (5M+ active users) with high-performance UI and seamless user experience.
- Improved application performance by optimizing API calls, caching strategies, and state management (Redux/RTK)
- Reduced latency and improved scalability through efficient data handling and backend coordination
- Contributed to system design discussions, proposing scalable and maintainable architecture solutions.
- Integrated third-party services including payments, notifications, and analytics tools
- Implemented robust error handling, logging, and monitoring mechanisms
- Leveraging AI-assisted development tools (Copilot, Cursor, Claude) to accelerate delivery and improve code quality

EDUCATION

B.E. Computer Science - Pune Institute of Computer Technology (PICT), Pune
2017 – 2021 CGPA – 9.38/10

Junior College 12th (HSC Board) - Pemraj Sarda College, Ahmednagar
2015 – 2017 Percentage – 87.38

School 10th (SSC Board) - Sacred Heart Convent High School, Ahmednagar
2015 Percentage – 86.20

PROJECTS

Project Name: AI PR Reviewer

Technologies: Node.js, React.js, OpenAI API / Claude API, GitHub API, TypeScript, Express.js

Description: AI-powered GitHub Pull Request reviewer that analyzes code changes, suggests improvements, detects potential bugs, and highlights security vulnerabilities using Large Language Models (LLMs).

Role & Responsibilities:

- Designed and developed an AI-powered code review system integrating GitHub APIs for automated PR analysis.
- Implemented LLM-based evaluation to generate contextual code suggestions, bug detection, and security insights.
- Built scalable backend services to process PR diffs and generate structured AI responses.
- Optimized prompt engineering and context handling for accurate and relevant code reviews.
- Developed intuitive UI for displaying AI-generated feedback and improving developer experience.

Project Name: AI Financial Copilot

Technologies: React.js, Node.js, OpenAI API / Claude API, TypeScript, Supabase, REST APIs

Description: AI-powered financial assistant that provides insights, summarizes meetings, tracks financial data, and suggests actionable recommendations using contextual data and LLMs.

Role & Responsibilities:

- Built AI-driven assistant for financial insights, recommendations, and meeting summarization
- Integrated LLM APIs to process user queries and generate context-aware responses
- Designed structured data pipelines to combine financial data with AI-generated outputs.
- Implemented chat-based interface with real-time responses and contextual memory handling.
- Optimized prompt engineering to improve accuracy of financial suggestions and summaries.
- Developed scalable backend APIs for handling user data and AI interactions securely

Project Name: SpiroConnect

Technologies: React Native, Android, IOS, Kotlin, Java, Firebase, MoEngage, CodePush, RAG (Retrieval-Augmented Generation)

Description: Mobile application developed for Spiro Business App (Sales Agents, Managers, Franchise Management, Distributor Management, Dealer Sales Flow)

Role & Responsibilities:

- Designed and developed scalable React Native mobile application with modular and maintainable architecture
- Implemented complex business workflows for sales lifecycle including order management, tracking, and reporting
- Built offline-first architecture ensuring seamless functionality in low-network environments
- Integrated IoT/Bluetooth-based features and real-time data synchronization with backend systems
- Optimized app performance by reducing re-renders and improving load time using memoization and efficient state management.
- Integrated third-party services like MoEngage for analytics, push notifications, and user engagement.
- Implemented OTA updates using CodePush for faster release cycles without app store dependency
- Collaborated with backend teams to design scalable APIs and efficient data contracts
- Conducted code reviews, enforced coding standards, and improved overall code quality

Project Name: My MTN App (Super App)

Technologies: React Native, Javascript, Typescript, AWS Services, Android, IOS, Context Management & Memory Handling

Description: The myMTN NG app, built with React Native and boasting over 5M+ downloads, offers exciting features such as data tracking, airtime purchase, data sharing, and access to lifestyle content, along with exclusive data offers.

Role & Responsibilities:

- Designed and developed scalable mobile features used by millions of users.
- Optimized performance and reduced API latency through efficient data handling.
- Implemented secure and reliable integrations with backend services

Project Name: RefundWiz

Technologies: React Native, Javascript, Typescript, AWS Services, Python.

Description: RefundWiz is a tax filing app using Artificial Intelligence and Machine Learning to prepare your tax return accurately.

Role & Responsibilities:

- Built AI-powered tax filing system using Machine Learning models
- Automated tax calculations and recommendations, improving accuracy and efficiency
- Integrated backend services and optimized data processing workflows

Certifications

Claude 101 Certification – (03 /2026)

Smart India Hackathon (SIH) Finalist (08/2018 - 03/2019)

React - The Complete Guide (incl Hooks, React Router, Redux) Udemy Course (08/2021)

Next.js 14 & React - The Complete Guide (10/2024)

AWS Certified Cloud Practitioner - 2025