

Azkaar Rauf Khatib

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SOFTWARE DEVELOPER FRONTEND + BACKEND

Fullstack Developer with hands-on experience in building scalable web applications using JavaScript, TypeScript, React, Node.js, and Express, along with backend development in .NET (C#) and Python. Experienced in building user-facing AI product experiences, including conversational AI chat, drafting assistance, and summarization, along with end-to-end AI integration and AI-assisted development using Claude Code for refactoring and large-scale framework migrations. Skilled in designing and consuming RESTful APIs, working with SQL and NoSQL databases, and integrating third-party services. Proficient in version control (Git), CI/CD pipelines, and Agile methodologies. Track record of making deliberate performance and scalability decisions across caching, rendering strategy, and backend architecture, and delivering clean, maintainable code in cross-functional team environments.

Work Experience

Software Developer

September 2025 – Present

Programming.com – Gurugram, Haryana

- Used Claude Code to accelerate migrations and development through codebase analysis, [ai agent skills](#), and code review.
- **Key Project: AI-Powered Email Client**
 - Built a modular, scalable React.js UI with React Router for an AI-powered email client.
 - Integrated TanStack Query for server-state management, caching, and background refetching.
 - Implemented type-safe form workflows with TanStack Form for email composition and AI-assisted actions.
 - Designed user-facing AI workflows for drafting assistance, thread summarization, and context-aware suggestions, embedded directly in the reading and compose experience.
 - Built an in-app AI chat that lets users ask natural-language questions about their entire mailbox and get context-aware answers drawn from their emails.
 - Stack: React.js, React Router, TanStack React Query, TanStack React Form, Tailwind CSS.
- **Key Project: Legacy App Modernization (Ruby on Rails + Angular to React)**
 - Migrated a legacy Ruby on Rails + AngularJS frontend to React, integrating with the existing Rails backend APIs.
 - Converted Angular controllers, directives, and services into reusable React components and hooks using shadcn/ui and Tailwind CSS.
 - Managed server state and API calls with React Query and Axios, caching responses to reduce redundant network requests; built forms and data tables with React Hook Form and React Table.
 - Built an analytics dashboard with interactive charts and client-defined KPIs.
 - Stack: React.js, React Router, React Query, React Hook Form, React Table, Axios, shadcn/ui, Tailwind CSS.

MERN Stack Developer

July 2024 – July 2025

Intelon Systems – Canada (Remote)

- Built and enhanced core features of an Applicant Tracking System (ATS) using Next.js and React, improving recruiter workflows, candidate tracking, and overall platform usability.
- Delivered AI-powered features directly within recruiter and candidate workflows in the ATS, connecting AI services through Next.js and Node.js APIs.
- Chose server-side rendering and API routes in Next.js to optimize page-load performance, SEO, and data fetching for recruiter and candidate-facing modules.

- Designed and implemented a WebRTC-based video calling feature using PeerJS and React, enabling real-time, browser-based remote interviews within the ATS platform, significantly improving recruiter-candidate engagement.
- Developed and maintained scalable backend services using Node.js and .NET, integrating seamlessly with Next.js frontend components for secure and high-performance operations.
- Implemented robust data validation using Zod schemas and managed structured and unstructured data with MongoDB, ensuring data consistency across Next.js APIs and frontend forms.

Fullstack Developer (Backend heavy)

January 2023 – July 2024

NNT Software – Ahmedabad, Gujarat

- Maintained and enhanced a .NET 4.8 e-commerce platform, ensuring stability and timely issue resolution both frontend and backend.
- Built a dynamic PDF generator using Python and FastAPI, streamlining document workflows.
- Led backend migration from .NET Framework to Node.js, improving scalability and modernizing the stack.
- Developed scalable APIs using Node.js, Express.js, and TypeScript.
- Collaborated with teams and stakeholders to align technical solutions with business needs.
- **Key Project: Ecommerce Migration**
 - Led a major backend overhaul for an e-commerce platform, driving system modernization and performance improvements.
 - Rewrote the entire backend from .NET 4.8 MVC to Node.js with TypeScript and Express, enhancing scalability and maintainability.
 - Executed a seamless migration, demonstrating strong proficiency in both .NET (C#) and modern JavaScript ecosystems.
- **Key Project: Event Management System**
 - Designed and developed the entire backend API and business logic using Node.js, TypeScript, and Express.js.
 - Implemented QR code generation and scanning workflows, enabling ticket validation, entry management, and complimentary drink eligibility checks.
 - Designed a scalable MySQL database schema to support configurable ticket types (e.g., Silver, Gold) and event-specific logic.
 - Built admin features for managing categories, staff, and event configurations; enabled staff to scan tickets and manage assigned events on-site.
 - Deployed and managed infrastructure using AWS (EC2, S3) and Netlify for frontend hosting.
 - Stack: Node.js, TypeScript, Express.js, React.js, MySQL, AWS (EC2, S3), Netlify.

Fullstack Developer

August 2022 – February 2024

Nimsay RPO – Ahmedabad, Gujarat

- **Key Project: ATS**
 - Developed a shift tracking web app using React and Supabase, enabling real-time updates on available shifts for registered nurses.
 - Implemented features to manage nurse-recruiter relationships and map hospitals to nurses for efficient allocation.
 - Built interfaces to view and track all assigned shifts, streamlining scheduling and oversight for recruiters.
 - Stack: React, Supabase, PostgreSQL.
- **Key Project: Web scraper (chrome extension)**
 - Built a web scraper to extract shift data for nurses from external sources, automating data collection and reducing manual effort.

- Integrated with the ATS backend to store and display scraped data, enabling recruiters to access up-to-date shift information within the platform.

Python Developer November 2019 – October 2021 The Digital India Tech Pvt. Ltd. – Mumbai, Maharashtra

- **Key Project: Data Cleaning (Python, Excel)**
 - Processed raw user input data for cleaning, annotation, and visualization, enabling structured analysis and improved data quality.
 - Extracted insights to support data-driven business decisions, enhancing operational and strategic planning.
 - Implemented advanced algorithms to predict the closest match to incorrect user input, improving data accuracy and user experience.
- **Key Project: Copy to Search**
 - Developed a desktop application to search databases and deliver real-time results to Customer Care Agents, streamlining complaint registration.
 - Enabled instant data retrieval triggered by Ctrl + C (copy) of user input, reducing manual effort and improving response accuracy.
 - Integrated contact lookup for Area Service In-Charge, simplifying escalation handling and improving service efficiency.

Skills

Languages & Frameworks: JavaScript, TypeScript, React JS, Next.js, Node.js, Express.js, Drizzle ORM, MySQL, PostgreSQL, Python, Familiar with Docker

Practices & Tools: AI integration, Claude Code (AI-assisted development), AI pair programming, REST API development, MVC architecture, legacy system modernization, debugging, problem-solving, version control (Git), CI/CD, Agile/Scrum

Education

BCA Amity University	Pursuing
12th (HSC) St. Stanislaus College	2018
10th (SSC) Appeared privately	2016