

Ryan McGatha

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Full-stack Software Engineer with a focus on building scalable applications and optimizing user experiences. Adept at integrating third-party APIs, managing data pipelines, and enhancing both front-end and back-end performance. Passionate about writing clean code, streamlining workflows, and collaborating to deliver high-quality products.

SKILLS

- Front-End:
 - React (Hooks, Radix UI), Next.js, Tailwind CSS
 - Back-End:
 - Node.js, Express.js, RESTful API design, JWT authentication
 - Databases:
 - PostgreSQL, MySQL, Prisma (ORM), query optimization
 - Infrastructure:
 - Docker, NGINX, Ubuntu/Linux, CI/CD pipelines
 - Version Control & Validation:
 - Git/GitHub, Zod schema validation
 - Performance & Testing:
 - Streaming responses, memory tuning, code reviews, linting
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PROFESSIONAL EXPERIENCE

Chipp AI

Aug 2024 - Present

Software Engineering Intern

- API Knowledge Source & Url Crawl:
 - Built a dynamic URL crawler to fetch content from a single url and upload to AI assistants as knowledge sources
 - Created a testing and uploading interface to enable AI assistants to make real-time RESTful calls from user provided api routes.
- Third-Party Integrations (Fireflies, Notion, Calendly):
 - Integrated third party APIs allowing AI assistants to summarize transcripts, automate content ingestion, and provided direct scheduling in AI chats.
- Clone Assistant & Custom CTAs:
 - Streamlined setup by creating a simple way of duplicating AI assistants
 - Created image-based CTAs with redirects and toggles for users to customize and display within their AI chat interface.
- User Experience & Management:
 - Implemented a reusable Copy Button, enhanced administration with inline editing, filtering, and secure permission checks.
- Creator Page:
 - Delivered a polished social page for managing profiles, displaying featured apps, and profile image uploads.

Contract Software Developer — Sully's Steamers

Mar 2024

Independent Contract

- Franchise Document Management System:
 - Developed a system for uploading, managing, and sharing documents to streamline franchise operations.
 - Leveraged PostgreSQL, Supabase, React.js, and Tailwind CSS for real-time data handling and intuitive UI.
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NOTABLE PROJECTS

Push It! Real-Time Messaging App

- Stack: React.js, PostgreSQL, Node.js, Express.js, JWT, Tailwind CSS
- Outcome: Implemented instant messaging, secure registration, and user authentication, demonstrating rapid learning and integration of new technologies.

FastAPI Tutorial Site

- Stack: FastAPI, PostgreSQL, React.js, SQLAlchemy, Tailwind CSS
 - Outcome: Built an interactive platform to explore customizable API routes and best practices, serving as a hands-on educational tool for FastAPI.
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EDUCATION

Carolina Code School — Full-Stack Web Development

- Completed a rigorous program covering React, PostgreSQL, Tailwind CSS, and real-world development projects.