

JAKE MAGRI

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SKILLS

Programming & Frameworks: TypeScript, JavaScript, Python, C#, HTML5, CSS3, SQL, React.js, Node.js, Express.js, Apollo GraphQL, Bootstrap, Tailwind CSS

Databases: PostgreSQL, MongoDB, Sequelize, Mongoose ODM, Pandas, NumPy

Development Tools & Practices: Git, GitHub, GitLab, Jira, Confluence, ServiceNow, AWS, CI/CD Pipelines, Agile/Scrum, SDLC, Release Management, Version Control

Testing & Automation: Jest, Cypress, Unit Testing, Component Testing, TDD, Tricentis TOSCA, OpenText ALM

Software Engineering Concepts: MVC, RESTful APIs, Web API, OOP, HTTP, DOM, Machine Learning, NLP, Full-Stack Development, Web Development, Responsive Design, Wireframing

Soft Skills: Problem Solving, Communication, Project Management, Systems Analysis, Product Requirements, Change Requests

EXPERIENCE

Technical Release Coordinator

Feb 2024 - Sep 2024

Ally Financial

Charlotte, NC

- Successfully managed complex, multi-team release projects, coordinating activities across 15+ web and mobile development teams, ensuring on-time delivery for 98% of releases despite challenging deadlines and evolving scope.
- Led release planning and scope definition for Digital Sprint Release trains, collaborating with stakeholders to prioritize features, manage dependencies, and align development efforts with business objectives.
- Developed and maintained data-driven dashboards using ServiceNow and Jira, leveraging JQL to create custom filters and automate reporting, resulting in improved visibility into release metrics and team efficiency.
- Sent daily official communication to leadership and enterprise, communicating technical features to non-technical stakeholders.

Test Automation Engineer Intern

May 2023 - Aug 2023

Domtar

Charlotte, NC

- Managed 37 defects and issues identified during testing, effectively resolving them to ensure a 99% defect-free software release and a 30% reduction in testing cycle time for high-quality software delivery.
- Developed and executed automated test scripts using tools such as C#, Tricentis TOSCA, OpenText ALM, and Tasktop Hub/Tosca Connect for end-to-end (E2E), regression, and system integration tests in SAP.

PROJECTS

Volt Underground

Dec 2024 - Present

Full Stack E-Commerce Web Application

Charlotte, NC

- Built a mobile-first e-commerce platform using React.js, TypeScript, and Tailwind CSS, optimizing user experience across devices.
- Automated real-time event listings with MongoDB and Mongoose ODM, enhancing dynamic content delivery and user engagement.
- Developed a secure GraphQL API with Apollo Server for efficient data handling, token-based authentication, and purchase history management.
- Implemented a React-driven cart and checkout system, utilizing state management to dynamically track items and quantities through a centralized application context.

Hi, Pub!

Nov 2024 - Present

Virtual Pub Experience with Real-Time Interaction

Charlotte, NC

- Developed an interactive pub experience with a hand-drawn UI and ambient sounds, using declarative UI design and state management to enhance user engagement.
- Integrated JWT authentication for secure, session-based user interactions.
- Built real-time chat with an AI bartender using OpenAI API and LangChain, delivering personalized user prompts based on interaction.
- Developed the back-end with Node.js, Express.js, and PostgreSQL, leveraging Sequelize ORM for efficient data management.

Kanban Canvas

Nov 2024 - Present

Independently Developed Full Stack Web Application

Charlotte, NC

- Developed a secure Kanban board with JWT authentication for user login and task management, enabling real-time updates and dynamic task tracking.
- Designed PostgreSQL schema and optimized queries using Sequelize ORM and TypeScript for scalability and performance.
- Built RESTful APIs with Node.js and Express.js for smooth integration with front-end systems.

EDUCATION

Full Stack Developer Certification

Sep 2024 - Dec 2024

University of North Carolina at Charlotte

Grade: A

Bachelor of Science in Management Information Systems

Jun 2022 - Dec 2023

University of North Carolina at Charlotte

GPA: 3.92