

JAKE MAGRI

Charlotte, NC

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Education

University of North Carolina at Charlotte

Bachelor of Science in Management Information Systems

Dec 2023

Charlotte, NC

University of North Carolina at Charlotte

Full Stack Developer Certification

Dec 2024

Charlotte, NC

Relevant Coursework

- Applications Development
- Data and Information Management
- Systems Analysis and Design
- Business Analytics
- Programming for Business Analytics

Experience

Brooksource @ Ally Financial

Feb 2024 – Sep 2024

Technical Release Coordinator

Charlotte, NC

- Conducted in-depth analyses of release processes, identifying bottlenecks and implementing data-driven solutions that reduced deployment issues by 5% and improved overall release efficiency.
- Managed complex, multi-team release projects across 15+ development groups, ensuring a 98% on-time delivery rate despite evolving project scopes and challenging deadlines.
- Led planning sessions, scope definition, and cross-functional coordination for Digital Sprint Releases—translating technical details into actionable insights for both technical teams and business stakeholders.
- Developed and maintained dynamic dashboards using ServiceNow and Jira, automating reporting and enhancing visibility into key release metrics.
- Advocated for stakeholder needs by refining processes and integrating third-party services, resulting in a 15% reduction in release preparation time.

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May 2023 – Aug 2023

Test Automation Engineer Intern

Charlotte, NC

- Analyzed and communicated technical failure points during automated SAP ERP system tests, ensuring swift resolution and contributing to a 99% defect-free software release.
- Developed and executed automated test scripts using C#, Tricentis TOSCA, OpenText ALM, and Tasktop Hub/Tosca Connect, reducing overall testing cycle time by 30%.
- Maintained comprehensive documentation and test requirements across the Kanban board, enhancing team efficiency by 20%.

Projects

Volt Underground, E-commerce Platform for Electronic Music Events | *Apollo GraphQL, React, MongoDB*

- Built interactive cart and checkout systems with Apollo GraphQL, React, MongoDB, and TypeScript.
- Designed mobile-responsive pages to ensure a seamless user experience across devices.
- Coordinated daily scrum meetings and facilitated an agile environment leveraging the use of GitHub Kanban board and features/issues tickets.

Hi, Pub! Virtual AI Assistant for Local Bar Recommendations | *OpenAI RESTful API, LangChain.js, PostgreSQL*

- Integrated OpenAI RESTful API, LangChain.js, and Google Places API to deliver personalized, data-driven local bar recommendations.
- Deployed a scalable full-stack application using Render and PostgreSQL, implementing JWT-based authentication for secure user sessions.
- Employed prompt engineering techniques to enhance the virtual assistant's conversational capabilities.

Technical Skills

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

Databases: PostgreSQL, MongoDB, Microsoft Access, SQL, Sequelize, Mongoose ODM, Pandas, NumPy

Tools & Practices: Git, GitHub, GitLab, Jira, Confluence, AWS (EC2, S3, Lambda), CI/CD Pipelines, Agile/Scrum, SDLC, ServiceNow

Testing & Automation: Tricentis TOSCA, Cypress, Jest, Unit Testing, Integration Testing, E2E Testing, TDD

Software Engineering Concepts: MVC, RESTful APIs, Web API, OOP, Machine Learning, NLP, Responsive Design

Project & Stakeholder Management: Systems Analysis, Consultative Leadership, End-to-End Project Delivery, Cross-Functional Coordination, Data-Driven Decision Making