

NICKOLAS BERRA

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Software Engineer with 7+ years of experience building scalable web applications, APIs, and data-driven solutions using JavaScript, TypeScript, React, Node.js, and PostgreSQL. Proven ability to translate complex business requirements into reliable software, communicate technical trade-offs to stakeholders, and deliver user-focused solutions in collaborative environments.

TECHNICAL SKILLS

Languages	JavaScript, TypeScript, SQL, HTML, CSS
Frontend	React, Redux, Jest, SlateJS, Material UI
Data Visualization	Vega, Vega-Lite, D3.js
Backend	Node.js, Express, Fastify, Mocha, REST APIs
Databases	PostgreSQL, Amazon RDS
Cloud/DevOps	AWS, Lambda, ECS, EC2, S3, CodeBuild, Docker, GH Actions
Tools	Git, Aha, VS Code, Postman, Postico

PROJECTS

Real-Time Sports Dashboard

[https://info-ticker-
ui.nberra90.workers.dev/](https://info-ticker-ui.nberra90.workers.dev/)

CERTIFICATIONS

ICAgile Certified Professional

PROFESSIONAL EXPERIENCE

CGI INC. (formerly Daugherty Business Solutions)

Software Engineering Consultant (Contract via Bayer)

St. Louis, MO

Feb 2019 - Feb 2026

- Built and shipped end-to-end full-stack features, focusing on performance and reliability, using React, TypeScript, NodeJS and PostgreSQL.
 - Created a dynamic templating system for user-defined and automated document generation.
 - Implemented interactive data visualizations to support user engagement and decision making.
 - Built and integrated REST APIs for seamless data flow across systems and client environments.
 - Improved application performance and usability through code optimization and responsive UI design.
 - Participated in Agile teams on sprint planning, technical design, and client-focused delivery.
 - Supported production applications through troubleshooting, enhancements, and quality-focused delivery.
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DAUGHERTY BUSINESS SOLUTIONS

Software Engineering Consultant (Contract via Bayer)

St. Louis, MO

Mar 2018 - Nov 2018

- Collaborated with cross-functional teams to deliver enhancements, bug fixes, and features for enterprise web platforms across regional brand sites.
 - Designed Elasticsearch solutions on AWS and Node.js to improve search relevance across large datasets.
 - Developed full-stack features with Vue.js, Java, and Node.js, enhancing UI and backend integrations.
 - Supported PDF and HTML migrations into Adobe Experience Manager, including data transformation and metadata extraction.
 - Built automation tools for PDF generation, web crawling, and indexing to improve content delivery and access.
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EDUCATION

Bachelor of Science, Secondary Education (Mathematics)
University of Missouri – Columbia