DIEGO BRYAN

Software Engineer

Durham, NC | 402-321-0494

diegobryanre@gmail.com | https://diegobryan.vercel.app

Software Engineer passionate about creative problem-solving, technical analysis, and team collaboration. I have experience in agile software development and a demonstrated ability to anticipate and exceed business needs.

Core Skills

TypeScript, ReactJS, Node.js, Next.js, Vercel, MongoDB, REST APIs, GraphQL APIs, Python, FastAPI, SQLAlchemy, Pydantic, PostgreSQL, Tailwind CSS, Bootstrap, Prisma, GitHub, Git, HTML5

Work Experience

Software Engineer   Jan 2024 - Apr 2024

Parasol Distribution Inc | Raleigh, NC

- Worked independently to identify opportunities in business automation which led to the development of web scraping python scripts that populated core data tables. This initiative enhanced product information accuracy for over 100 products and generated over 3000 qualified marketing leads.
- Architected and implemented essential business software solutions and developed a technology roadmap to drive operational efficiency.

Back-End Engineer   Nov 2022 - Jan 2024

Tiny Earth Toys | Durham, NC

- Applied skills in algorithm design to develop an innovative recommendation engine, categorizing toys by developmental stage and interests, to optimize ecommerce customer experiences.
- Led the development of EarthOS, a web application-based ERP platform, to automate business processes, including a circular inventory management system for 40,000 rentable items.
- Initiated database migration from Airtable to AWS services, crafting ERD and system architecture diagrams, and authored Python scripts for table structures and migration validation.
- Fostered a growth-oriented, inclusive team culture across departments, expediting agile software development to rapidly develop and deploy key business solutions.

Project Engineer   Jul 2020 - Jul 2021

Appian Consulting Engineers | Rocky Mount, NC

- Organized a $4.5 million industrial upfit for a manufacturing facility relocation, involving cross-functional team collaboration and stringent timeline adherence.
- Conducted in-depth structural and life safety analyses, emphasizing technical skills and attention to detail.
- Coordinated with municipal leaders to submit comprehensive economic development proposals, demonstrating the ability to communicate complex technical information.

Education

Momentum Learning   May 2022 - Sep 2022
Coding Bootcamp | Full Stack Development

North Carolina State University   Aug 2017 - May 2020
Bachelor of Science | Civil Engineering
Structures Concentration

Certificates

AWS Certified Cloud Practitioner   Nov 2023
Amazon Web Services