

Bradley Allen

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bradleydallen.com

Summary Skills

Motivated software engineer with hands-on experience in full-stack development and cloud infrastructure. Proficient in multiple programming languages, with a solid foundation in developing scalable software solutions using the MERN stack and AWS. Seeking to apply my skills to deliver impactful software in a dynamic development team.

- **Programming Languages:** C, C++, Java, JavaScript, TypeScript, Python, Shell
- **Frameworks & Technologies:** React.js, Next.js, Express.js, MongoDB, MySQL, AWS, Docker, Git, Bash, Tailwind CSS
- **Operating Systems & Methodologies:** Windows, Linux, MacOS; Agile Development Practices

Experience

EDF Trading North America | SCADA Engineer | TX, Hybrid | *01/2024 to 09/2024*

- Developed and optimized C/C++ programs for low-level database manipulation, increasing data processing productivity by 30%.
- Led efforts to enhance team coding standards by conducting code reviews and sharing best practices, resulting in a 25% reduction in code errors.
- Implemented custom library functions in C, improving database query efficiency and reducing execution time by 40%.
- Configured routers using various networking protocols such as DNP, Modbus, TCP/IP.
- Participated in rotational 24/7 on-call support to resolve issues and maintain software uptime.

Amazon | Software Development Engineer Intern | CA, Hybrid | *05/2023 to 07/2023*

- Developed and deployed customer-facing software using AWS CDK for infrastructure as code (IaC), streamlining deployment processes and reducing setup time by 50%.
- Collaborated in an Agile team environment, contributing to the design and implementation of features that improved user experience and workflow efficiency.
- Identified and resolved critical software issues, enhancing production system reliability and reducing maintenance requests by 15%.

Personal Projects:

bradleydallen.com: Showcasing personal projects and providing insights into my background and skills.

Education

Bachelor of Science in Computer Science | Lamar University | Beaumont, TX

Completed: 12/2023