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Ryan Clark

Fullstack Web Developer

EXPERIENCE

TBN – Lead Engineer May 2023 - Present

- Architected and led enterprise-level service projects, coordinating with third parties and leading development teams.
- SVOD Payment Processing Protocols & Entitlement: Designed and implemented an in-house entitlement service that went live within 5 months, generating over \$400,000 in sales.
- TBN Donations Page: Modernized a legacy app and developed a secure widget, preventing fraudulent activities and protecting over 50,000 credit cards.
- SVOD, TVOD & Broadcasting: Developed an in-house clipping tool and managed development teams using Agile principles. Oversaw B2B relations with five third-party teams.

LexisNexis – Engineer III Jan 2023 - May 2023

- Supported 32 state agencies by developing a dynamic form application for B2G actions.
- Technologies used: .NET, C#, Node.js, React, Redux, PostgreSQL.

Simpler Trading – Tech Lead Oct 2021 - Mar 2023

- Migrated and modernized a legacy website to a Next.js app with a microservice GraphQL backend.
- Automated processes by mapping and normalizing over 2,400 data points, significantly improving efficiency.
- Reduced SVOD subscription types from 500 to 1, enhancing user engagement threefold.

American Express – Engineer III Oct 2020 - Sep 2021

- Managed and maintained 39 micro apps, adhering to Amex's 100% test coverage standards.
- Refactored legacy code into modern functional Holocron Modules.

University of Alabama – Full Stack Developer Mar 2020 - Aug 2020

- Modernized and updated a legacy codebase, converting from object-oriented design to functional component-based design.
- Technologies used: .NET, C#, Node.js, React, Redux.

Healthera – Full Stack Developer Mar 2018 - Dec 2019

- Contributed to a startup team by creating tech solutions for expanding business requirements.

- Managed a POD service with over 67 million UK medical records and migrated an Angular.js app to React Redux.

United States Army - Team Leader Mar 2013 - June 2016

AT&T - Sales Manager June 2006 - Mar 2013

Skills

Languages & Frameworks:

JavaScript, TypeScript, Python, Node.js, React, Redux, Next.js, Angular.js, .NET, C#

Tools & Technologies:

AWS (Lambda, SQS, DynamoDB, EC2), Kubernetes, Docker, Postman, GraphQL, MySQL, PostgreSQL, MongoDB

Development Practices:

Agile, Functional Programming, Test-Driven Development (TDD)

Education

University of Alabama Accredited in Computer Science

Makers Academy Full Stack Engineer

Adaptive Leader Course Instructor

Certifications

Apollo Graph Developer Professional

Apollo Graph Developer Associate

ScrumMaster CSRM

US DoD Security Clearance Secret

US ARMY Jungle School Jungle Expert