

Colten Cross

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SUMMARY

Full Stack Developer leveraging over three years of experience in designing and building fault tolerant and scalable web services. Skilled at liaising between technical and functional team members to solve complex problems with innovative solutions. Thrives working in a close team and agile environment.

LINKS

Github:// **ColCross**

LinkedIn:// **ColtenCross**

EDUCATION

GEORGIA STATE UNIVERSITY

May 2017 | Atlanta, GA

BS IN PHYSICS

Comp Sci Concentration

SKILLS

PROGRAMMING LANGUAGES

NodeJS • JS • HTML/CSS • Git • C#

FRAMEWORKS

ReactJS • Redux • Sagas • Serverless • RabbitMQ • ASP.NET

CLOUD SERVICES

AWS - Lambda, SNS, S3, Parameter Store

STORAGE

PostgreSQL • MongoDB • Elasticsearch • DynamoDB • Solr

EXPERIENCE

CNN | SOFTWARE DEVELOPER

Jan 2018 – Present | Atlanta, GA

- Developing front end features in ReactJS with saga middleware, and back end infrastructure with NodeJS, MongoDB, and PostgreSQL for the Newsource service.
- Implementing front end features in ReactJS for an embeddable video player for the Video Affiliate Network (VAN).
- Writing and supporting cloud native services through AWS Lambda and the Serverless framework using Node, SNS, DynamoDB, and RabbitMQ.
- Designing features and requirements alongside technical and functional team members, including architecture and testing strategies.
- Collaborating directly with QA to find and resolve defects in features.
- Employing full Agile methodologies through daily scrums, N+1's, grooming sessions, sprint retros, and Rally.
- Providing 24/7 application support through on-call rotation.
- Developed minor features using ASP.NET, C#, and Solr for the Resource application.

CARTOON NETWORK | WEB DEVELOPER INTERN

Aug 2017 – Dec 2017 | Atlanta, GA

- Used JavaScript and jQuery to convert Cartoon Network website login and registration functionality to a new internal system and API.
- Collaborated with designers to implement front-end redesign for registration, login and profile pages using HTML5/CSS3.
- Performed dev ops tasks such as updating misc pages, forms, and adding games.

ACCOMPLISHMENTS

VAN INGESTION PIPELINE | CNN Newsource

Transitioned Video Affiliate Network video ingestion pipeline from a serial processing ASP.NET application to fault tolerant parallel processing Node Lambdas. Assisted in determining requirements and designing architecture. Wrote a concurrency limited data migration script to move legacy videos into the new system.

VAN VIDEO PLAYER | CNN Newsource

Built front end animations, custom overlays, and a tooltip that dynamically adjusts based on the parent page. Minimal libraries were used in order to keep player file size small and quick to load.