

Dakota Jordan

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SUMMARY

Ambitious, adaptable Full Stack Web Developer with over 4 years of experience with system design and development. Possess creative ability for designing intuitive UX backed by robust, secure infrastructure. Excited to learn and improve my software engineering skills through the many accomplishments I envision with 2020 foresight.

EXPERIENCE

Jr. Systems Engineer

Cole Engineering Services

April 2016 – November 2017, Orlando, FL

- Collaborated with contractors and military personnel on requirements and system architecture for Integrated Live, Virtual, Constructive Training Environment (ILTE).
- Managed model-based systems engineering databases including input of new data using Vitech Genesys software.
- Decomposed 800+ requirements based on capabilities/requirements document.

Software Engineer

Cole Engineering Services

November 2017 – Present, Orlando, FL

- Added over 10 entities and target prioritization algorithms for Integrated Air Defense Systems (IADS) into military training simulation software, Aviation Combined Arms Tactical Trainer (AVCATT), using Java and XML.
- Lead development in R&D branch of a web application, Key Terrain, where users can select an area on a world map to generate a 3D terrain file in specified formats for use in other applications. Overcame challenges inherent in developing the company's first e-commerce platform utilizing an Angular front-end with Stripe and a Spring Boot back-end deployed to Amazon Web Services.
- Created web application providing marketing and in-house tools to support development of Reconfigurable Virtual Collective Trainer (RVCT), an \$81.4 million contract. Met high-priority DoD security guidelines with a combination of techniques: private Docker image repository, private air-gapped servers, Nginx reverse proxy, LDAP authentication, and JWT for stateless session management.

EDUCATION

Bachelor of Science in Computer Engineering

University of Central Florida • Orlando, FL • 2015

SKILLS

Front End: Angular, HTML, CSS, SASS, RxJS, Bootstrap, Material

Backend: NestJS, Spring Boot

Database-related: Postgresql, TypeORM, Liquibase, LDAP

Languages: Typescript, C, Java

3rd Party API: Stripe, TaxJar, S3

Issue Tracking: Jira

Version Control: Git

Deployment: Docker, Nginx, Linux, AWS