JOHN K. THOMAS

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EXPERIENCE

TACKLEBOX (https://tacklebox-webhooks.github.io) *Feb 2021 – Jun 2021*
Co-Creator & Software Engineer
Tacklebox is an open source serverless framework that offers webhooks as a service
- Designed, prototyped, and built Tacklebox, an open-source serverless framework that offers webhooks as a service utilizing languages and technologies such as NodeJS, AWS API Gateway, AWS Lambda, AWS RDS and AWS SNS
- Led creation of the Cloud Development Kit script used to deploy AWS API gateway, Lambdas, SNS, RDS, and VPC
- Designed and built system architecture, spanning from the Tacklebox CLI to Amazon Web Services
- Authored a comprehensive technical case study documenting design decisions, *https://tacklebox-webhooks.github.io*
- Collaborated daily with remote team to review research conducted, make design decisions, and pair program

LAUNCH SCHOOL *May 2019 – May 2021*
Full-Stack Web Developer
- TodoApp: todo management app with webhook feature (Node.js, Express, PostgreSQL)
- Fourello: project management app inspired by Trello (MongoDB, React, Redux, HTML, CSS)
- Shopping Cart App: shopping cart management app (MongoDB, React, Redux, HTML, CSS)

THE HOME DEPOT *Feb 2018 – Oct 2020*
Senior Logistics Analyst
- Managed the Capital Sustainment Program that utilizes $28M+ for capital improvements for distribution centers
- Managed the development, analysis, organization, and resolution of $32M worth of FY20 Capital deficiencies
- Standardized the Capital Pavement Program into a 4 stage process that saved $1M in Capital funding
- Led the conversion of 18 distribution centers to LED lighting that yielded savings of $2.8M annually in electrical costs

Analyst
- Assisted the resolution of 30+ online vendor issues in regards to payment, onboarding, and product visibility
- Created Python scripts to decrease JSON file update time by 92%
- Developed multiple regression and logistic regression models to draw actionable insights from customer and product data sets ranging from 10K – 200K+ observations

SATAIR GROUP (an Airbus Company) *Aug 2016 – Feb 2018*
Supply Chain Analyst
- Ensured optimal inventory profile and stockout rate of less than 3% using data analysis and advanced planning optimization
- Created Excel VBA script to reduce inventory reconciliation calculation time by 80%
- Oversaw operational aspects of the Boeing consignment program including inventory analysis, reconciliation, customer-facing, and ad-hoc data analysis to support key stakeholders

ATA BLACK BELT ACADEMY *Jan 2013 – Sept 2016*
Lead Instructor
- Managed the training of over 100 people in martial arts and life skill development
- Planned, organized, and managed summer camp training events for groups of 10-15 people
- Contributed to 95% growth in business as measured by new students retained and profit per month

SKILLS

Languages	**Frameworks/Libraries**	**Technologies**	**Cloud**
JavaScript, Ruby, Go, SQL, HTML, CSS	Express, React+Redux, Sinatra, Handlebars, jQuery, Mongoose	Git/GitHub, HTTP, REST APIs, MongoDB, Webhooks, Heroku	AWS (CloudFormation, CDK, API Gateway, Cloudwatch Logs, Lambda, RDS PostgresSQL, SNS), Digital Ocean Droplets

EDUCATION

LAUNCH SCHOOL: *Online Software Engineering School - https://launchschool.com/employers* *May 2019 – May 2021*
Multi-year full-stack software engineering curriculum emphasizing mastery of core skills and programming fundamentals

GEORGIA INSTITUTE OF TECHNOLOGY *Aug 2010 – Aug 2016*
B.S. in Business Administration - Information Technology Management