

## JOHN K. THOMAS

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### EXPERIENCE

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#### 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 Node.js, AWS API Gateway, AWS Lambda, AWS RDS and AWS SNS
- Led creation of Cloud Development Kit script used to automate deployment of AWS Infrastructure for easier user experience
- 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 tracker with webhook feature (Node.js, Express, PostgreSQL, JavaScript, Handlebars, HTML, CSS)
- Fourelo: project management app inspired by Trello (MongoDB, Mongoose, Node, Express, React, Redux, HTML, CSS)
- Shopping Cart App: shopping cart management app (MongoDB, Mongoose, Node, Express, 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

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#### Languages

JavaScript, Ruby, Go, SQL, HTML, CSS

#### Frameworks/Libraries

Express, React+Redux, Sinatra, Handlebars, jQuery, Mongoose

#### Technologies

Git/GitHub, HTTP, REST APIs, MongoDB, Webhooks, Heroku

#### Cloud

AWS (CloudFormation, CDK, API Gateway, Cloudwatch Logs, Lambda, RDS PostgreSQL, SNS), Digital Ocean Droplets

### EDUCATION

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#### 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