

# Jacob John Jeevan

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## EXPERIENCE

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### Software Engineer

FEDEx SERVICES | STACK: VB.NET, ASP.NET, JAVASCRIPT, MSSQL

Remote

April 2021 – May 2023

- Created an internal data query tool that saved the organization over \$50k annually in licensing fees.
- Developed a machine learning based virtual assistant using C# to help users with frequently asked questions.
- Added functionality to internal tools using VB.NET and stored procedures to support over 20+ new countries.

### Software Developer

DONATE GIFTS | STACK: TYPESCRIPT, JAVASCRIPT, NODE.JS, EXPRESS.JS, MONGODB

Remote

September 2020 – Present

- Raised over \$8k in Secret santa gift donations by developing backend API in a team of seven.
- Facilitated donor user interactions with recipient users by developing a messaging system using Node.js.
- Enabled recipient users to create Secret Santa wishes by expanding backend API using Express.js and MongoDB.
- Developed unit tests using mocha to test the logic and functionality of backend API.

## PROJECTS

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### Link Shortener

STACK: NEXT.JS, NODE.JS, MONGODB

Github

- Designed Frontend using Next.js and Tailwind CSS framework.
- Developed Node.js backend to shorten and store Urls on MongoDB.
- Implemented CI/CD with automated testing and deploy on push using Github actions and Docker.

### Job Tracker

STACK: DJANGO, REACT.JS, NODE.JS, POSTGRESQL

Github

- Developed a full stack Django web app designed to keep track and visualize job applications by location.
- Created Cronjob to perform weekly database backups to S3.
- Reworked the project to use React for frontend with Django backend.

## EDUCATION

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### University of Alabama at Birmingham

MASTER OF SCIENCE IN COMPUTER SCIENCE

Birmingham, AL

January 2018 – May 2020

### Georgia Institute of Technology

BACHELOR OF SCIENCE IN NUCLEAR AND RADIOLOGICAL ENGINEERING

Atlanta, GA

January 2014 – May 2017

## LEADERSHIP

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- Coordinated with data scientists at Regions (bank) to host a Data Science seminar at UAB.
- Instructed over 25 kids at Girls who can code workshop using Scratch language.
- Planned and orchestrated over 10 cultural events at UAB, as a member of a 25-person team.
- Facilitated Nuclear engineering career fair for American Nuclear Society, Georgia Tech Chapter.

## SKILLS

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**Languages:** C#, VB.NET, Python, Typescript  
**Frameworks:** Django, Express.js, ASP.NET, Mocha, React.js  
**Databases:** MSSQL, MongoDB, PostgreSQL  
**Tools:** Bash, Bootstrap, Git, Docker, Postman