

# DEVIN RAMSAMMY

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## EDUCATION

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**John Jay College of Criminal Justice** • New York, New York August 2019 – June 2023  
*Bachelors of Science • Computer Science & Mathematics and Cyber Security Minor*

**Stuyvesant High School** • New York, New York September 2015 – June 2019  
*Stuyvesant Advanced Regents Diploma*

**Relevant Coursework** – Calculus 1, Intro to Computer Science

## WORK EXPERIENCE

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**Full Stack Software Engineer** – Khans Tutorial August 2019 – Present

- Developed and deployed a full stack web application with the MERN stack on AWS
- Created front-end employee interfaces with React JS and used Express for the back-end server side code
- Utilized GitHub workflow features in a small team for routine code review and development
- Created Google App Script Code to interact with databases hosted on Google Sheets and performed analysis with student and financial data
- Created multiple Web Apps to decrease payroll due to work overlap and worked with the Data Team to save X.X FTE

**Full Stack Software Engineer** – Optimize LLC August 2019 – Present

- Developed and deployed a full stack web application with the MERN stack on AWS

**Data Manager** – Khans Tutorial November 2018 – August 2019

- Produced detailed monthly reports for over 200+ student accounts from Quickbooks and Salesforce
- Ensured data quality and data governance standards were upheld in the branch by monitoring 20 Google Sheet files daily
- Received and resolved an average of 30 inquiries in any given day and escalated as necessary to senior advisors
- Conducted analysis on student grades to create a personalized profile for every student

## PROJECTS

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### Report Card Checker

- Implemented a program that downloads report cards from a Google Drive folder and performs data analysis operations on students' grades over time
- Used the Google API client library and the xlrd python library to download files from a drive and parse information from a spreadsheet

### Khan's Tutorial Pricing Web App

- Created a pricing platform with the MERN Stack and integrated company specific business logic
- Developed several complicated REST APIs with axios that contained complex queries translated with Sequelize
- Created a progressive front end user experience based off of company styling with React js
- Created PDF Invoicing with React PDF and mass communication systems with NodeMailer

### Optimize CMS

- Created a CMS Web App with React js as the front end and Express for the back end
- Deployed progressive web app onto Amazon EC2 using NGINX and linked to various client domains. Integrated multiple security modules such as SSL encryption
- Managed and deployed a scalable Amazon RDS Postgres Instance that could manage at least 17,000 different client accounts and an employee portal
- Used Bitbucket and Jira Software to manage code version control and project deadlines
- Integrated with Tableau and D3 dashboards for data analytics

## SKILLS

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- Programming languages: JS (Proficient), Java (Proficient), C++ (Intermediate), Python (Intermediate)
- Other: MS Office Suite, Cloud Computing, AWS Stacks, Linux Distributions, Networking, Quickbooks, Salesforce