

# Lifazul Tonmoy

FULL-STACK DEVELOPER

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## EDUCATION

### App Academy (Spring 2018)

#### Full-Stack Developer

1000+ hours Immersive software development course with focus on full stack web development (Less than 3% acceptance rate)

### CareerFoundry (Dec. 2015-Jan. 2016)

#### UX/UI Design Course

Online course centered around tools for UX/UI  
Learned techniques to record user analytics to measure changes in design

### City College of New York

#### Bachelor of Engineering

Magna cum Laude 3.5/4.0  
Grove Kaylie Scholar  
Step Scholar

## SKILLS

### LANGUAGES

CSS • Ruby • React • Redux • Rails  
jQuery • SQL • HTML • RSpec/TDD  
Webpack • Javascript

### DESIGN

Photoshop  
Illustrator  
Sketch  
Information Architecture  
Usability Testing  
Google Analytics  
Card Sorting

### SOFT SKILLS

Communication  
Presentation  
Project Managing  
Writing

### INTERESTS

Team Sport (Basketball)  
Game/Strategy (Chess)

## SUMMARY

A full-stack developer with experience in Ruby on Rails, JS and React.js, based in NYC. I have a background in engineering that helped me develop an analytical perspective when tackling problems. I have a strong passion to see my work come to life. I'm looking for an environment that will continuously challenge me to create something great and provide me opportunities to expand my tool set to create better products.

## PROJECTS

### Wondernote MAY 2018-Present

[Live Site](#) | [Github](#)

#### Ruby on Rails, React.js/Redux, PostgreSQL, Quill.js, Webpack

- Developed a cloud-based note-taking app inspired by Evernote
- Utilized Quill.js to support rich-text editing for documents
- Kept code DRY with React Components for Notebook show and all Notes
- Rendered information without page reload by updating React components and placing information in drawers and sidebars

### Smart Rocket MAY 2018-Present

[Live Site](#) | [Github](#)

#### Webpack, Canvas, Javascript

- Generated an algorithm of finding the location of target given a position
- Calculated trajectories through velocity vectors and collision detection
- Projected the path of the rocket by using a node tree with given vectors

### DOMnoy MAY 2018-Present

[Live Site](#) | [Github](#)

#### Javascript, HTML5

- Created own version of jQuery that contains tools for AJAX requests and HTML selectors/setters/getters

### Taskly DEC 2015-FEB 2016

#### Sketch, Wireframing, card sorting, A/B testing, information architecture

- Developed front-end user interfaces for mobile, tablet and desktop iterations
- Utilized productive UX concepts for the design process: wireframing, card sorting, information architecture, A/B testing
- Conducted user interviews and surveys to construct a site that improved satisfaction by 50%

## EXPERIENCE

### Project Manager | May 2016 - January 2018

#### Department of Design and Construction

- Oversaw the budget and scheduling in construction projects
- Solved half a million dollars worth in payments that remained outstanding
- Managed and communicated with contractors, clients, and workers to make sure clients' goals are understood amongst all parties

### Calculus Teacher | June 2014 - Sept 2014

#### Kappy Academy

- Orchestrated lesson plans to cover Calculus material condensed in a 7 week program; students improved their scores by 70% more after taking the course
- Prepped the material to clearly and effectively explain differentials and integrals to students learning the new concept for the first time