
EMPLOYMENT

Software Engineer **Andela** **Aug 2017 - Present**

Engineering Talent (www.andela.com)

- Andela places software engineers from Africa to work with global tech companies as full-time, distributed team members
- Through Andela, I have worked on three products - VOF, Boatflex and Gobble
- NB: For the companies listed below, I worked with them directly under Andela. All details pertinent to being placed on the product, working on the product and terminating the contract were at the discretion of Andela and the companies

Software Engineer **Gobble, Inc.** **Jan - May 2019**

Meal kit delivery service (www.gobble.com)

- Implemented caching to reduce page load
- Refactored old parts of the codebase into simpler, more readable and less coupled pieces
- Interfaced with Customer Support to fix urgent, user-reported bugs
- Wrote SOLID, well tested code for a diverse feature-set of Gobble's codebase
- Helped the team achieve 90% automated test coverage, using a combination of unit tests, feature tests, and integration tests
- Worked with an engineering team from Canada and Nigeria
- Utilized: Ruby; Rails; Sidekiq; Git; TDD; AWS; Heroku; Capybara; Pry; ERDs;

Backend Ruby Engineer **Boatflex, Inc.** **Mar - Oct 2018**

Boat Rental Platform in Europe (www.boatflex.com)

- Developed and maintained a number of Boatflex' APIs using Pragma/Trailblazer
- Built feature to export critical customer data points to pdf/spreadsheet for company admins
- Created geolocation search
- Worked with the team to develop and launch the boat experiences platform (like airbnb experiences)
- Utilized: Ruby; Rails; Trailblazer/Pragma; Interactors; RSpec; Capybara; Pry; Rubyzip; Activeadmin; Sidekiq; Stripe; Money; i18n; CircleCI; Heroku; Git;

Fullstack Developer **Andela** **Oct 2017 - Mar 2018**

Internal Fellowship Hiring Tool (www.andela.com)

- Implemented a male:female interviewing ratio comparison functionality on the admin dashboard
- Setup a dashboard to display user data in bar-graphs, line-graphs and pie charts on the admin
- Worked with my teammates to redesign the learners table using pure CSS, transitioning it from using an old, hard-to-maintain materialised theme
- Used CSS media queries and coffeescript to make the navigation bar and learners table mobile responsive
- Utilized: Ruby; Rails; Coffeescript; ChartJS; RSpec; Capybara; Byebug; CircleCI; Git;

EDUCATION

Nairobi, Kenya

Kenyatta University

Sep 2014 - Sep 2016

- **Major:** B.Sc. in Biomedical Engineering
- **Programming Coursework:** Databases; Data Structures & Algorithms; Programming Languages; Fundamentals of Computing; Introduction to C; Introduction to C++;
- **BME Coursework:** Biomaterials & Medical Devices; Computer-Aided Design & Prototyping; Engineering Entrepreneurship; Tissue Engineering; Calculus;

SOFTWARE PROJECTS

Personal Website: <https://collinsruto.com> (for additional information & projects)

Nipishe

- A Rails + GraphQL starter kit template that ships with the most common authentication and authorisation features. Plus other common user account management features
- Utilized: Ruby; Rails; GraphQL-Ruby; JWT; ActionPolicy; RSpec; Postgresql; Git;

Just Go

- A bunch of Golang data structures with rich tests.
- Strict TDD observed
- Utilized: Go; TDD; Vim;

Hackernews

- A Hackernews clone that consumes a GraphQL API with React
- Utilized: GraphQL; Apollo; Prisma; React; React-router;

Airbnb

- An Airbnb clone with auth, guests, hosts, chat, rooms, maps
- Utilized: Ruby; Ruby on Rails;

TECHNOLOGIES

- **Programming Languages:** Ruby; Python; Go; C++; C; Javascript; HTML; CSS/Sass; GraphQL; SQL;
- **Libraries & Frameworks:** Ruby on Rails; GraphQL-Ruby; XML; I18n; ReactJS; VueJS; jQuery;
- **Tools & Platforms:** Stripe; Docker; CirceCI; Travis; S3; Heroku; Git; Netlify; Firebase; Vim;
- **Design:** inVision; Zeplin;

COMMUNITY PARTICIPATION

- **Rails Girls:** Coached Rails Girls workshops at Nairobi Kenya and Kampala Uganda
- **Nairuby:** Active member and speaker at Nairuby, a local Ruby meetup in Nairobi

LANGUAGES

- **Proficient:** English; Swahili;
- **Familiar:** Korean;