

ROGER TAKESHITA

FULL-STACK DEVELOPER

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EXPERIENCES

Full-Stack Developer – Volunteer

Oct/2020 – Present

1st Plan Productions

Tech: React.js, Redux, Node.js, Express.js, Mongoose/MongoDB, JWT, REST APIs, 3rd Party APIs, Figma, HTML5, CSS3/SCSS, and BEM Methodology.

- Worked as a full-time developer to build a new platform. Clients are able to publish and share information across platforms, improving the opportunities for artists, community groups, and organizations to develop their business.

Shopify Developer – Volunteer

Mar/2020 – Apr 2020

ShopHere

Tech: Shopify themes

- Worked with Digital Main St. and the City of Toronto to build websites for small businesses, providing an easy transition to e-commerce during the pandemic. Built websites using Shopify's platform and themes, using the specifications and data provided by the client.

Project Engineer

Jun/2013 – Jan 2017

Positivo Tecnologia S.A

- Developed and implemented an automatic spreadsheet using Visual Basic for Applications (VBA) for MS Excel capable to calculate the final price for technology solutions, reducing by 88% the time to update and publish the price list for commercial consultants to quickly respond to customers and government quotations.

EDUCATION

Software Engineering Bootcamp

Nov/2019 – Feb/2020

General Assembly (Bitmaker Labs)

Tech: MVC framework, JavaScript, React, Node.js, MongoDB, PostgreSQL, Python, RESTful API, wireframing, user stories, and more.

- Completed a 480-hour full-time program focused on full-stack skills development, including both front-end and back-end languages.
- Developed and presented projects on both an individual and collaborative agile basis.

Bachelor Degree in Mechatronics Engineering

Jan/2005 – Jan/2011

Pontificia Universidade Católica do Paraná

CERTIFICATIONS

Academind / Zero to Master Academy / Udemy

- Complete Python Developer in 2020
- The Modern GraphQL Bootcamp
- React Native - The Practical Guide 2020
- TypeScript - 2020 Edition

INTERPERSONAL SKILLS

- Creative, proactive
- Positive, self-motivated
- Team player
- Adaptable, fast learner
- Coachable
- Solution-oriented
- Skilled leader
- Effective communicator
- Efficient organizer
- Experienced working in fast-paced environments and under pressure

STRONG KNOWLEDGE

- Node.js, Express.js
- React.js, Redux Thunk
- MongoDB, PostgreSQL
- REST API, AJAX, Fetch, Axios
- Jest
- JavaScript ES6, jQuery
- Python
- HTML5
- CSS3, SASS, BEM
- Bootstrap4, Material UI
- JWT, OAuth2
- Git, GitHub, and CLI
- Heroku, Netlify, Google Firebase
- Agile Methodology (Scrum)

WORKING KNOWLEDGE

- Django, Flask, Selenium
- React Native
- TypeScript
- C++
- GraphQL and Apollo
- RegEx
- Socket.io
- Bash Scripting
- Styled Components
- Webpack, Babel
- AWS S3, EC2, Route 53, Amplify
- Figma, Photoshop
- Software Development Life Cycle

PROJECTS

My Follow-up

Tech: MERN Stack App (MongoDB, Express.js, React.js, Node.js), Redux, Mongoose, RESTful API, JavaScript, HTML 5, CSS/SASS and Block Element Modifier (BEM).

- Single Page Application (SPA) using React.js, where users can keep tracking their applications, full CRUD (create, read, update, and delete) operation for resumes, cover letters, job descriptions, and follow-ups. Sending data to the backend through REST APIs, and permanently saving the information on MongoDB Atlas.

Bookfellas

Tech: Django, Python, PostgreSQL (SQL), 3rd Party API, JavaScript, HTML, and CSS.

- E-commerce using server-side rendering (Django) and SQL database to serve HTML and JavaScript to the front-end. Users can shop books, full CRUD operation for users, carts, user profiles, and submitting the order.

iCheats

Tech: NodeJS, ExpressJS, MongoDB (No-SQL), Embedded JavaScript Templating (EJS), OAuth2, REST APIs, JavaScript, Ajax, Socket.io, HTML, and CSS.

- Social media using Embedded JavaScript Templating (EJS) to serve HTML and JS. Users can sign up using Google OAuth, CRUD new posts, comments and send messages in the main chat via real-time communication.

More projects can be found on my [GitHub](#) and [Portfolio](#).

SIDE PROJECTS

Dog Feeder

Tech: Arduino Nano, C++, stepper motor, stepper motor controller, bucket converter 12v to 5v, rotary encoder, Nokia 5110 LCD, and real-time clock (RTC).

- Built an automated dog feeder capable of feeding a small dog up to three times a day, with 3 different programable alarms and 4 types of food.

git-status

Tech: Bash Scripting

- Created my own version of “git status” to check for uncommitted files for multiple repositories. Capable of displaying the all useful status information for each repository.

touch-open

Tech: Bash Scripting

- Updated the “touch” command to create easily nested folders and files without the need of having the folders’ structure or repeating the folder’s path.

HOBBIES

- IoT
- Home Automation
- Arduino Boards
- Raspberry Pi Boards
- Telegram Bot
- Diablo 2 Bots