

# STEVEN COLLINS, C.E.T.

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## TECHNICAL SKILLS

- Skilled in JavaScript, Java, Python, SQL, and various scripting languages as well as HTML, CSS, XML, and JSON
- Experienced in many modern JavaScript libraries and technologies for interactive web apps, including React, Node.js, Express, MongoDB, and webpack
- Familiar with microcontroller architecture, toolchains, and development
- Proficient in Visual Studio, Eclipse, Xcode, Arduino IDE, and more
- Versed in Agile software development methodologies

## RELEVANT WORK EXPERIENCE

<b>Senior Manager, Development</b> Scotiabank	2021/10 - Ongoing Toronto, Ontario
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- Built team to develop and deploy the all-new authenticated storefront
- Managed content delivery platforms for Scotiabank.com, including Adobe Managed Services and Akamai
- Planned and executed projects involving multiple teams, including projects to meet government regulations

<b>Team Lead / Senior Software Developer</b> Scotiabank	2017/03 - 2021/09 Toronto, Ontario
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- Maintained and updated the front-end and back-end of the existing unauthenticated credit card onboarding flow
- Lead team to create an entirely new product onboarding experience for new-to-bank and existing customers
- Implemented web analytics and created dashboards for management in Adobe Analytics and Dynatrace

<b>Application Developer</b> NexJ Systems Inc.	2015/11 - 2017/02 Toronto, Ontario
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- Contributed to multiple major client go-lives, including HSBC and Wells Fargo
- Worked closely with users and graphic designers to develop new, custom UX
- Investigated and implemented SQL performance improvements

<b>Application Developer</b> Ayuda Media Systems	2013/04 - 2015/10 Montreal, Quebec
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- Worked with a team spanning multiple countries to improve Juice and Splash, Ayuda's OOH management web applications, hosted on Windows Azure
- Constructed bespoke SSIS data migration tasks for new clients
- Developed in-house tools to simplify workflow and increase productivity

## RELEVANT PROJECTS

### Unified Onboarding Experience

2021/03

Scotiabank

Team Lead

Lead multiple teams in creating Scotiabank's all new unified customer and product onboarding experience. Utilizing a cloud-based microservice architecture and MERN stack, applications were developed to replace both the front-end and back-end of the customer sign-up and product selection flows.

- Specialized in security and cryptographic requirements as well as OAuth 2.0
- Team contact for go-live processes including security and privacy evaluations

### COVID-19 Mortgage Payment Deferral Flow

2020/03

Scotiabank

Solution Architect

Worked with one other developer under high pressure to develop a web application allowing customers to request mortgage payment deferrals due to the pandemic. Communicated directly with program managers, translators, and designers to shorten lead times as much as possible while still delivering a quality application.

- The initiative was created 2020-03-18 and available digitally 2020-03-30
- Received 6700 submissions in the first 36 hours

### HSBC User Experience Proof of Concept

2016/04

NexJ Systems Inc.

Lead Developer

Developed a new, responsive user interface for the world's fourth largest bank, integrating continuous feedback from graphic designers and a dedicated team at HSBC in London.

- Provided updated demos and concepts with a very short turnaround
- Replaced the UX on both the desktop and tablet versions of the software

## EDUCATION

### Computer Engineering Technology, Co-op option

2008/09 - 2011/12

Seneca College of Applied Arts and Technology

Toronto, Ontario

- Graduated on President's Honour List with Grade Point Average of 4.0/4.0

## PERSONAL PROJECTS

<https://github.com/StevenCollins>

- Proxmox Server running nginx, Nextcloud, Prometheus, Grafana, and various dedicated game servers
- Discord bot with RCON game server integration
- Multiple custom IoT platforms reporting to Prometheus running on ESP8266, ESP32, and Raspberry Pi Pico microcontrollers
- PICO-8 and Unity game development <https://rubberchickenstudios.com>

## ASSOCIATIONS

- Active Member of OACETT (Certified Engineering Technologist)