

# Rafael Bocsa

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## Education

### Brock University

*Bachelor of Science in Honours Computer Science*

St. Catharines, ON

Sept. 2020 – Present

## Experience

### Web Developer

*HIEC - Halton Industry Education Council*

June 2024 – Aug. 2024

Burlington, ON

- Wordpress, Elementor, CiviCRM, React, DBMS, Virtual Machine, Server Management
- Developed/designed web components in Wordpress using Elementor via collaboration with the Marketing, Finance and HR team
- Created custom JS and JQUERY code for specific web elements to enhance visual design, backend functionality and site responsiveness
- Redesigned policy page and implemented user feedback while ensuring safety and security

### Junior Full-Stack Developer

*Government of Ontario*

Sept. 2022 – Dec. 2022

St. Catharines, ON

- Researched new and trending software's and technologies that could benefit the government to push the digital service transformation agenda for our clients
- Explored creative digital solutions and dived deep into complex problems to derive insights, prototype and validate with end users
- Implemented a proof of concept lab report on web development best practices by researching and learning emerging technologies such as OutSystems, Flutter/Dart, Firebase, PWA
- Implemented an automated attendance checker by crosschecking users in a database resulting in a functional feature that updates an excel file of registered users that reoccurs periodically using powerapps

### Junior Full-Stack Developer

Jan. 2022 – Apr. 2022

*Civiconnect*

Beamsville, ON

- Worked in a dynamic team environment of 3 developers to support front-end development and built back-end web functionalities for local businesses using Python, Django, PostgreSQL and AWS
- Worked to suit clients' needs under tight time constraints, troubleshoot, debug, support web dev teams, maintain web services, and presented final product to clients showcasing all back-end admin functionalities

## Projects

### HabitForge | *FullStack, ReactJS, NextJS, Tailwind CSS, Firebase* | [Visit Site](#)

Sep. 2024

- Developed with a group of friends for our Software Engineering class in an Agile environment using React, Next.js, Tailwind CSS, Firebase, and ShadCN. HabitForge offers a practical approach to achieving personal growth goals.
- Developed and maintained with a full production team while adhering to the software development life cycle, agile development process's and scrum practices

### Parrot Heads in Niagara | *Python, Django, HTML, CSS, JS, Backend* | [Visit Site](#)

January 2022

- Built back-end functionalities for the Parrot Heads in Niagara website like integrating all images and videos, creating admin login portals and functionalities, various user views/accessibility and linking all third party web services
- Worked closely with the client and web development team to hit all deliverables on time and used AWS for deployment

## Technical Skills

**Languages:** Java, JavaScript, Python, C/C++, TypeScript, Dart, SQL (Postgres), HTML/CSS

**Software's:** Next.js, Django, AWS, Flutter, Pg Admin, Linux, OutSystems, SSMS, MySQL Workbench, MobaXTerm

**Developer Tools:** Git, Android Studio, Firebase, VS Code, Visual Studio, PyCharm, IntelliJ, Node.js

**Skills:** Full-Stack, Front end, Back end, Systems Administrator, Web Development, Game Development, Agile Development

**Libraries:** React.js, ShadCN, GSAP, JUnit, BeautifulSoup4