**BHUMIKA BERGMAN *Web developer***

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EMPLOYMENT

**National Institute for Optimal Wellness**

**Front-end Web Developer & Manager 09/2019 – PRESENT**

* Achieving *excellent user experience by* creating a complete and fully responsive website with a user-friendly UI/UX, student portal and eCommerce. (<https://www.nationalinstitute.net/>)
* Exceeding client demands by managing, testing and troubleshooting the website and database, answering students’ technical inquiries, and professionally editing textbooks.
* Develop concepts, control project flow, and ensure deliverable milestones are met.

**Primitius International**

**Freelance Application Developer 01/2018 – 11/2018**

* Successfully reduced time to analyze and evaluate a natural health survey by 67% by creating a cross-platform survey analyzer application.
* Developed the application on electron framework using HTML, CSS, and JavaScript while assuring *maintainability* of the code.
* Focused on *customer demands*, exceeding customer requirements where possible.

**New Eden School of Natural Health and Herbal Studies**

**Portal Management Administration Assistant 03/2016 – 04/2017**

* Worked as *a part of a team* developing a WordPress based student portal and demonstrated front-end web development skills.
* Reduced duration of the project by approximately 15 days by attaining the *user requirements* from the client.
* Optimized the *system performance* by 10% by identifying the bugs while assisting the students with technical and non-technical inquiries.
* Applied excellent *problem-solving and administration skills* while assisting the portal manager to manage students and exams on the student portal.

EDUCATION

**York University, Canada 09/2013 – 02/2018**

* Honours Bachelor of Science in Computer Engineering(B.Eng.), Major GPA: 3.2

TECHNICAL SKILLS

**Programming Languages:** Proficient in Java, JavaScript, HTML5, and CSS. Intermediate in C, Python, and MongoDB.

**Version Control:** Git

**Application Software:** MS Office Suite, Eclipse, Android Studio, MATLAB, GoormIDE, VS Code

**Frameworks**: Electron, WordPress, Weebly, Bootstrap 4, Node.js, Express

PROJECT EXPERIENCE

**Event Counter Plus (JavaScript, HTML, CSS, EJS, Express) 08/2019 - PRESENT**

* Creating an interactive web application on the Express framework using EJS that calculates the time passed since the event and calculates the time left until the next monthly/yearly anniversary.
* Configuring MongoDB database to store information about users and events.
* Increasing the app performance by using *RESTful routes* for cleaner URLs, Git for *version control* and bootstrap 4 for the *responsive web design*.

**AMD Application (OOP, Java, Android, Firebase) 09/2016 – 04/2017**

* Implemented an Android application for AMD (Age-related macular degeneration) patients.
* Reduced app’s *memory footprint* by using firebase database to manipulate the data.
* Wrote *reliable and maintainable* code, while focusing on customer demands.
* Provided excellent user experience by developing both voice recognition and touch-based UI.

**Hospital Messenger System (OOP, Java) 09/2016 – 12/2016**

* Developed a secure hospital messenger system in Java which allowed the clients to create groups and send text messages to the group.
* Improved verification and validation of the system by applying *requirements elicitation concepts*.
* Optimized the system by 27% by finding bugs using *acceptance tests and use cases*.
* Assured *usability and maintainability* of the product, while meeting user requirements.

ADDITIONAL EXPERIENCE AND AWARDS

* **Volunteering:** Volunteered as a peer mentor at Lassonde School of Engineering.
* **Final year capstone project:** Awarded “Patel Family Capstone Project Award” for winning the 2nd prize in final year capstone project for AMD application.