

GURNIHAL SINGH

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EDUCATION

Diploma - Web Programming

Nova Scotia Community College, Truro, Nova Scotia

September 2019 - Present
Expected Graduation: June 2021

TECHNICAL SKILLS

Operating Systems:	UNIX/LINUX, Windows 10
Programming:	Java, Python, ASP.NET Core
Web Based Programming:	HTML, CSS, JavaScript, React.js, Node.js
Database Platforms:	MySQL, MongoDB
Applications	Eclipse, Visual Studio code, VMware, Wireshark
Other:	Bootstrap, Sass, WordPress, Apache, Git, Material-UI

RELEVANT WORK EXPERIENCE

Software Developer Intern (Remote – work)

AAA Enterprise Solutions Inc., Mississauga, Ontario

August 2019 – Present

- Requirement gathering and analysis, design, development, and testing.
- Regular maintenance on the company's website.
- Utilize Agile method methodologies for on time delivery.
- Assist in user support and production support activities.

ACADEMIC PROJECTS

➤ The Gallery:

- Created a Vanilla JS app to display the data via AJAX request, using JSON format.
- Converted the same app to a MERN full stack application with a mongoDB database and created a backend for the app using express and nodejs.

- Bank Simulator:
 - Developed a MVC pattern, JAVA applet simulating a bank, using Object Oriented Programming.
- Launchpad:
 - Built a server-side app using MVC pattern in ASP.Net core with MySQL database.
 - Made a public and administration end to make changes to the app.
 - Implemented CRUD operations for data manipulation using Entity Framework.
- Tech Roster:
 - Constructed a MERN stack app with NoSQL database to solve the challenge of updating relational data in a NoSQL database.
 - Developed a RESTful Web API using Node.js/Express.
- NBA deck:
 - Created a front end to display NBA live scores.
 - Learnt how to manipulate various API calls to show the right data.
- Created simple gaming and quiz apps in Python and JavaScript.
- Constructed multi – page responsive website.
- Built databases and wrote SQL Queries built to sort through databases for specific results.
- Created networks on both packet tracer and physical machine.
- Designed Websites, logos and other illustrations using Photoshop and Illustrator.