

GOPAL SABHAD

Computer Science student with strong problem solving and multi-tasking skills essential for Software Development Engineer Intern to integrate into your organization's engineering team, as I would excel in the collaborative environment on which your company prides itself.

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Experience

Software Developer Intern

Sept. 2020 – April 2021

Constellation HomeBuilder Systems

- Work in a **team-oriented** environment for all aspects of product development (design, implementation, test, and maintenance support)
- Fluency with an object-oriented programming language such as **C#, JavaScript, Java** and **ASP.NET**
- Assist in defining, **automating**, and executing development tests in support of the feature/functionality being developed
- Perform **debug** and performance **analysis** of code and systems
- Participate in software development using **Agile/Scrum** development process
- **Troubleshoot** and analyze problem reports to help determine root cause of the reported issue

TECHNICAL SKILLS

- Proficient in **C, C#, Python, Java** and **.Net** framework for Software Development
- Expertise in Front-End/Web Development with **HTML5, CSS3, JavaScript, ReactJS, Redux, Bootstrap, jQuery, AJAX, JSON, TypeScript, ES5, ES6, Node.js** and **ASP.Net**
- Knowledge of relational databases like **SQL** and **SQLite**
- Extensive experience with Cloud Services like **Microsoft Azure**
- Excellent command over **Object-Oriented Programming (OOP)**
- Mobile application development expertise in **Android App Development**
- Very fast hand on **IDE** such as **IntelliJ, Visual Studio, Eclipse, Atom, git bash** and other development platform
- Exceptional skills in **Data Structures and Design/Implementation of Algorithms**
- Familiar with **Shell Scripting, Power Shell** and Operating Systems like **Linux, Windows, Android**
- Superior Knowledge of **Calculus, Discrete Math, Algebra and 3D Math**

EDUCATIONAL QUALIFICATIONS

BACHELOR IN COMPUTER SCIENCE (SPECIALIZED HONORS)

2017 - 2021

Lassonde School of Engineering, [York University](http://www.yorku.ca)

CERTIFICATIONS/ACHIEVEMENTS

- Earned "5-star badge" on HackerRank for Problem Solving and Java ([HackerRank](https://www.hackerrank.com))
- React JS Web Development – The Essentials Bootcamp ([Udemy](https://www.udemy.com))
- Python for Data Science ([Cognitive Class](https://www.cognitiveclassroom.com))
- Web Development Certification ([freecodecamp.com](https://www.freecodecamp.com))
- Become an Azure Developer (LinkedIn learning - Currently in progress)

PROJECTS

MATHEMATICAL EXPRESSIONS CALCULATOR: www.github.com/mathematical-expressions-calculator

- Created an app to solve Linear equations by performing calculus operations such as Differentiation, Evaluation and Simplification using List, TreeSet, etc.
- Represents the equation in form of a Binary tree, performs Derivative function, and also performs basic binary operation such as rotation, insertion, deletion and sorting based on Binary Search
- Tools & Frameworks: Java, Eclipse, Data Structure Algorithm, Graphical User Interface (GUI)

MUSIC-MASTER: <https://github.com/gopalsabhad/Music-Master>

- A React based web app that allows users to search their favorite artists and displays the artists name, music genre, number of followers and a 30 seconds preview of artist's top ten tracks
- The app works by fetching data from Spotify's API to displays an overview of an artist

PERSONAL PORTFOLIO WEBSITE: www.gopalsabhad.com

- Created using HTML, CSS, JavaScript, TypeScript, React.js and ES6 node.js
- Coded in Visual Studio and Atom
- Hosted the website on Raspberry Pi ([React Portfolio for IT Professional](#))

VOLUNTEERING & ACTIVITIES

- **Peer Mentor** at Vanier College in York University **Oct. 2019 - Present**
- **Vice President** of Atmiya Club at York University **Aug. 2019 - Present**
- **Volunteer** at Yogi Divine Society, Mississauga **Dec. 2017 - Present**
- Contribute to the success of the **InnovateTo150 Showcase** **Nov. 2017**