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# TUSHAR SHARMA

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## PROFESSIONAL SUMMARY

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Motivated Software Development student at Mohawk College with hands-on experience building small applications using Java, C#, JavaScript, PHP, SQL, and React Native. Strong interest in full-stack development and mobile application development. Known for writing clean, readable code and learning new technologies quickly.

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## SKILLS

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- **Languages:** Java, C#, JavaScript, PHP, SQL
- **Web Development:** HTML, CSS, DOM scripting, REST APIs
- **Other Tools:** Git/GitHub, MS Project, Visual Studio, IntelliJ
- **Frameworks & Tools:** .NET, Windows Forms, React Native (Expo), Node.js
- **Databases:** SQL Server, ERD design, Stored Procedures
- **Concepts:** OOP, Data Structures & Algorithms, MVC, CRUD operations

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## CERTIFICATIONS

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### **Mohawk College — Computer Systems Technology (Software Development)**

Hamilton, Ontario • 2023 – *Present*

Relevant Coursework:

- Data Structures & Algorithms (Java)
- Web Programming (HTML, CSS, JavaScript, PHP)
- C# / .NET
- Mobile Development (React Native)
- Database Design & SQL
- Software Quality & Testing
- Cloud Fundamentals (Azure)

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## PROJECTS

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### **PROJECT EXPERIENCE Battleship Bot (Java)**

- Developed a strategy bot that plays Battleship on a  $15 \times 15$  grid using search + hunt algorithms.
- Implemented checkerboard scanning and optimized hit detection to reduce average shots per game.
- Worked with 2D arrays, enums, algorithm design, and performance optimization.

### **Doctor Who Database Viewer (C# + SQL Server)**

- Created a Windows Forms application that loads Doctors, Companions, and Episodes from SQL Server.
- Used List, LINQ, and relational queries to display filtered data.
- Practiced GUI design and data-binding with C#.

### **Task Manager Mobile App (React Native)**

- Built a simple to-do list app using Expo framework.
- Implemented state management, component-based UI, and list rendering.
- Used AsyncStorage for basic local data persistence.

### **Student Project Website (HTML/CSS/PHP)**

- Designed and developed a simple dynamic website using PHP and SQL.
- Practiced server-side processing, form handling, and database connectivity.