MUHAMMAD INSHAL FARID

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TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, HTML/CSS, MySQL, Dart, SQLite, MongoDB, Godot Script
Frameworks: React, Node.js, Flask, Django, Flutter
Skills: Problem-Solving, Data Structures, Algorithms, Object-Oriented Programming, Agile Development, Godot, Version Control, Debugging, Hardware, Embedded Systems, Machine Learning, Network, Ux/Ui, Android
Technologies: Git/GitHub, Visual Studio, Google cloud, Raspberry pi, AWS, Linux/UNIX, Iot, Adobe XD, Figma

PROJECTS

CivFix | *Python, Django, HTML/Bootstrap, SQLite*   **Oct. 2023**
- Collaborated with a diverse team during the NewHacks 2023 Hackathon at the University of Toronto, contributing to the ideation and implementation of CivFix, a community Webapp for reporting and prioritizing local issues.
- Led the integration of **Django** as the back-end framework, coordinating with front-end developers to ensure seamless communication between the user interface and the database.
- Implemented innovative features, including a gamified reward system for active community participation, driving increased user interaction and fostering proactive problem resolution.

DreamSpace | *React.js, HTML/CSS, Python-Flask, MySQL, Three.js*   **Nov. 2023**
- DreamSpace offers a user-friendly experience for creating 3D room designs, featuring a furniture catalog, customization options, offline work, user profiles, and augmented reality integration.
- Utilized 3D rendering libraries such as **Three.js** to enhance the lifelike visual representation of room designs.
- Engaged with users to gather feedback, collaborated on design ideas, and implemented user-suggested features to improve the app's functionality.

Community MarketPlace for Students | *React, Node.js, MongoDB*   **Sep. 2023**
- This is a platform where students can buy, sell, or exchange textbooks, class notes, and other academic resources. Include user profiles, messaging systems, and secure payment methods.
- Acquired expertise in using **Node.js** for server-side development, included handling HTTP requests, managing routes, and implementing a secure transaction method.

EDUCATION

Conestoga College   **Expected Aug. 2026**
B.S. Computer Science (honors)   *GPA: 3.5*

EXPERIENCE

TechCollab Club | *President, Founder*   **Aug. 2023 – Present**
- The TechCollab Club is a dynamic community to unite computer science students, fostering collaboration, enhancing technical skills, and promoting innovation.
- Incorporating real-world experiences by hosting coding competitions, tech talks, and company visits throughout the academic year, providing members with valuable insights into the tech industry.

ConHacks 2023 | *Organizer, Merch Designer*   **Sep. 2023 – Present**
- Played a pivotal role in organizing ConHacks 2023, a successful hackathon hosted by Conestoga College, Waterloo, with the participation of approximately 130 enthusiastic individuals.
- Designed unique merchandise, adding a creative touch to the hackathon's branding and enhancing the overall participant experience.

Capitol Real Estate | *Data Engineer, UAE*   **Jan. 2020 – Sep. 2021**
- Designed and maintained robust data architecture and databases, enhancing data processing systems.
- Collaborated cross-functionally to implement data solutions, contributing to enhanced accuracy and performance.
- Developed and executed strategies for data governance, contributing to compliance with industry standards and regulations.