# Yugant Mohan

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## EDUCATION
**Bachelor of Science - Computer Science; (Mathematics Minor),** University of Saskatchewan          April *2022*

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## LANGUAGES AND TECHNOLOGIES

- **Programming:** Python, C#, C++, Java, NodeJS, JavaScript, MySQL, HTML/CSS, React, Docker, JavaFx, XML
- **Methods:** Object-oriented programming Agile software development, Prototyping, Software Architecture, client-server architecture, Databases and Web Storage.

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## PROJECTS

### Pet Day Care Web App
- Engineered the project by working on the backend as well as the frontend using python with flask and basic HTML/CSS with the implementation of jinja blocks in building a Pet Day Care System app that allowed users to log in and choose a subscription plan for their pet.
- Users can make appointments for their pet at multiple locations and can store the information of their pet and their credit card information in their account.
- Followed the Scrum framework and surrounded development personas and epics which lead to simple, useful, and efficient UI/UX

### Coffee Shop Web App
- Worked individually towards designing and building an event-driven website by efficiently using NodeJS, MySQL, JavaScript, React and HTML/CSS.
- The web app implements login, browsing, and placing order functions that can also be easily updated and accessed by an admin login feature.

### Infinite Runner 2D Game
- Followed the fundamentals of OOP to construct a 2D infinite-runner-based game.
- Coordinated subdisciplines programming, level design, 2D art, animation and rigging
- Tracked progress and adjusted scope according to schedule working with repo manager
- Created procedurally generated levels to form a never-ending game filled with traps and monsters.

### Hospital Management System
- Used MVC architecture in core Java
- Created a GUI management system implementing the following features: Login, Add Patient, Add Doctor, Add Room, Add User and Generate Bills

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## SKILLS

- Problem-solving skills and proficiency to develop inventive and robust solutions to problems.
- Development of automated test scripts across all platforms with multiple testing methodologies.
- Multiple development techniques including MVC patterns, Agile, Spiral, and waterfall models.
- Version control using GitHub with a good command line skill set.

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## SUPPLEMENT WORK EXPERIENCE
### ICT Department, Student Assistant
- Responsible for providing frontline support for University of Saskatchewan network accounts over the telephone, e-mail, chat and in-person working with Jira project management ticket software
- Provided first-level support in various Learning Commons Student Computing facilities on campus.
- Acted as a liaison to Second-Level Support staff which reduced overall workload.
- Using Jira did documentation and data entry, ensuring proper maintenance and function of the locations and software troubleshooting resulting in a well-documented interface with an improved customer experience.