

PRATIK GOSWAMI

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<http://prtkgoswami.github.io> | [in linkedin.com/in/prtkgoswami](https://www.linkedin.com/in/prtkgoswami) | <https://github.com/prtkgoswami>

Studying Computer Science as a Graduate Student at University of Washington, Bothell. Looking for an opportunity in Software Development, Mobile Application Development, Web Development or Game Development.

SKILLS

Programming	Python, C++
Web Development	HTML, CSS, JavaScript, JQuery, Bootstrap, Django, SQL, React.js
Mobile Development	Android Studio, Kotlin
Game Development	Unity Game Engine, C#
Tools	Git, AWS CodeCommit, Trello, Jenkins, VS Code, Visual Studio, Soap UI, Postman, Figma, Adobe XD, Linux, Windows, Photoshop

WORK EXPERIENCE

IBM India Pvt. Ltd.	Oct 2016 – Feb 2019
Associate System Engineer (Application Developer)	
<ul style="list-style-type: none">Developed & maintained over 15 integrations pertaining to SIM activation and customer reward functionality.Spearheaded the development of a solution to Automate Builds and Deploy executables using Jenkins, Soap UI, Apache Ant Scripts & Bash Scripts to improve deployment time by approximately 30 minutes.Oversaw the migration of over 30 integrations for Phase 1 of Production Server Version Upgrade.	

EDUCATION

University of Washington - Bothell	Sept 2019 – Dec 2021
M.S. in Computer Science & Software Engineering	(Expected)
Bothell, Washington, USA	
Techno India, Saltlake	July 2012 – May 2016
B-Tech in Computer Science & Engineering	
Kolkata, West Bengal, India	

PROJECTS

- Visual Therapy for Strabismus using Virtual Reality**
Developing 2 VR-based Vision Therapy tools for children suffering from Strabismus. Target Sensory and Motor Fusion using Virtual Reality to assist Dichoptic Binocular Vision. The tools are being created as a part of a larger toolkit using Unity Game Engine and C# on the Oculus Platform.
- Infiltration VR Game** (<https://prtkgoswami.itch.io/infiltration>)
Developed a short Virtual-Reality based game using Unity Game Engine and C#. The player's objective is to infiltrate the enemy base, disable guard robots and retrieve confidential documents.
- Welcome Dashboard** (http://prtkgoswami.github.io/repo/resources/redirects/react_dashboard)
Developed a Dashboard using React JS, HTML, CSS and JavaScript. The Dashboard uses API calls to display an inspirational quote, a 5-day weather forecast and trending news.
- Mood Journal Application**
Developing an Android app using Kotlin that aims at helping users log their daily moods/emotions with the context, self-reflect on the analysis of their journal entries to improve their overall emotional health, and provide valuable insight into the user's moods when consulting a professional.
- Kodi Addon – TV Show Tracker**
Developed an Addon for Kodi Open-Source Software, to automatically mark the episodes as watched that the user has seen. The addon uses “myepisodecalendar.com” as its backend and uses an API from the website to mark episodes.