

PRATIK GOSWAMI

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EDUCATION

University of Washington, Bothell - Masters in Computer Science & Software Engineering Sept 2019 - Present
Bothell, Washington, United States of America
Relevant Courses: Parallel Programming, Software Architecture

Techno India, Salt Lake - Bachelors in Technology in Computer Science & Engineering July 2012 - May 2016
Kolkata, West Bengal, India
Relevant Courses: Data Structures, Algorithms, Networking, Computer Architecture, Object-Oriented Programming, Database, Computer Graphics, Operating System
CGPA : 7.93

SKILLS

Programming:	Python, Java, C++, C
Web Development:	HTML, CSS, JavaScript, JQuery, Twitter Bootstrap, Django, SQL
Mobile Development:	Android, Kotlin
Game Development:	Unity using C#
Middleware:	IBM Integration Bus, Websphere Message Broker, Websphere Message Queue, ESQL
Cloud Technologies:	Amazon Web Services
Tools:	Sublime Text, VS Code, Jenkins, Soap UI, Postman, Photoshop, Github

EXPERIENCE

IBM, Associate System Engineer (Enterprise Application Integration) Oct 2016 – Feb 2019

- Created efficient solutions to Transform and Transmit messages in between several end systems using IBM Integration Bus, Websphere Message Broker and Websphere Messaging Queues.
- Designed a solution to Automate Builds and Deployments using Jenkins, Soap UI Apache Ant Scripts & Bash Scripts to improve deployment time by approximately 30 minutes.

Tata Consultancy Services, Summer Intern Jun 2015 – Jul 2015

- Tested an Internal Research Workflow Tool using TCS MasterCraft Tool to identify visual and functional bugs.

RELEVANT PROJECTS

- Mood Journal – Android Application**
An ongoing Android Project for completion of Mobile Computing Coursework. The app aims at helping users log their daily moods/emotions with the context for the mood. Users can also self-reflect on the analysis of their journal entries to improve their overall emotions. It can also be used to provide valuable insight into the user's moods when consulting a professional.
- Space Rescue – 2D Game built on Unity Engine**
A short space-based game where the player controls a Space Craft destroying or avoiding obstacles to get to the Goal Planet. This was a personal project to learn about Unity 2D Game Engine. The game has 3 Levels which get increasingly difficult. Although the game is playable it is far from its final state as I am still adding features in it.
- Cube Runner – 3D Game built on Unity Engine**
A short 3D game where the player controls a cube which travels across a plane dodging and jumping through and over obstacles to get to the Finish Line. This is a personal project to learn about the Unity 3D Game Engine. This game has 3 Levels which get progressively difficult.
- Ant Colony Optimization for Travelling Salesman Problem**
Implemented Ant Colony Optimization for Travelling Salesman Problem and parallelized it using Java MPI.
- TV Show Tracker Addon for Kodi**
Developed a TV Show Tracker addon to automatically track watched TV show episodes on myepisodescalendar.com using Python.

- **Multiple Desktop Sharing Application**

Developed an application with a team of 4 as a part of Final Year Project for Undergraduate Program. Used Java and Spring Technology to broadcast the Admin computer screen to all the connected Non-Admin computers and fetch the screens from them as a monitoring function on the Admin screen.

- **Personal Website** (<http://prtkgoswami.github.io>)

Designed a website to cater as an extended online resume using HTML, CSS and JQuery.

- **Personal Repository** (<http://prtkgoswami.github.io/repo>)

Designed a website to showcase Web Development Projects using HTML, CSS and JQuery to run.

AWARDS & ACHIEVEMENTS

Selected as a Microsoft Student Partner for the years 2014 to 2016.

VOLUNTEERING EXPERIENCE & INVOLVEMENTS

- Member of CUrBrain (Computer Programming Club) and Edge (Technical Festival Committee) of Techno India.
- Volunteered in Tata Medical Center, Kolkata during the summer of 2015 helping patients in the Out Patient Department and organizing data entries for the Tata Cancer Treatment Fund.

MISCELLANEOUS

- Hobbies – Singing, Playing the Guitar, Playing Table Tennis, Sketching
- Spoken Languages – English, Hindi, Bengali