

AISHWARY PRAMANIK

Mobile Apps/ Software/ VR-AR
Developer

157B, Perkins Rd. RIT, Rochester, NY

+1-585-7478699

ap9599@g.rit.edu

aishwary.pramanik



EDUCATION

Rochester Institute of Technology

M.S. Computer Science

Aug 2015 - Dec 2017

GPA – 3.37

University of Pune, India

B.E. Information Technology

Aug 2009 – May 2013

First Class with Distinction

RELEVANT COURSEWORK

Advanced OOP Concepts

Data Structures

Computational Problem Solving

Design & Analysis of Algorithms

Distributed Systems

Foundation of Computer Graphics

Database Management Systems

System Software Programming

Management Information System

Android Development

Apps in Virtual Reality

CERTIFICATION

Android Development

Machine Learning

SKILLS

Android	Java
C	C#
Python	HTML-CSS
Oracle SQL	MySQL
Visual Basic	OpenGL
Perl	Shell
Unity 3D	Vuforia

TOOLS

Jupyter	Pycharm
Android Studio	Git
Eclipse	Netbeans
Putty	Webstorm
WinSCP	Garage Band
FL Studio	SV-Mobile Billing

OBJECTIVE

Computer Science Graduate student with two & a half years of Industry and Freelance experience, seeking a **Fulltime opportunity** to employ my Mobile, VR-AR and Software Development skills to step up towards a better world.

PROFESSIONAL EXPERIENCE

• Data Science and Engineering Co-op @ INTUIT-Turbotax (Jan'17 – July'17)

Developed various **Machine Learning** models to perform **Abandonment Analysis**, in Python using **Tensorflow** and **Scikit-learn** libraries. Added various enhancement features to the pre-existing REST API call platforms. Built a **VR development** team and deployed the product in a **Customer-centric VR Space**.

• Mobile Apps Developer Intern @ OUTWORX (June '16 – Aug'16)

Developed **Android Apps** like HikerWatch, PlaceToRemember, WeatherFetch using **Android Studio**.

• Software Engineer Associate @ ACCENTURE -Virgin Media (Nov'13 - Jan'15)

Developed a **Data Analyzer/ Refresher tool** to encapsulate the daily mobile usage of the entire customer base, using Java and Perl/Shell Scripts. Got Appointed as the **Event Committee Lead**.

• Graduate Lab Asst. @ Rochester Institute of Technology (Aug'16 - Dec'16)

Helped students in various courses by solving their difficulties and took care of all the grad computer labs.

FREELANCE EXPERIENCE

- **Web/Software Developer @ KP's Business Solutions**

- **Android Developer @ SuperFreeze , Ashapuri Developers and PTFTechno**

ACADEMIC PROJECTS

Distributed Google File Systems Replica

- **Description:** A load balanced search approach, incorporating large-scale data.
- **Tools/Concepts:** Java, GFS, MySQL, OOP, MVC, Multi-Threading, TCP/IP, Master-Slave

Batman-VR-Superman

- **Description:** A well scripted VR Game, suitable for all ages. Player can switch roles in between.
- **Tools/Concepts:** VR, Unity 3D, Vuforia. C#

Puzzle Splitter- Secure Text & Image Transmission

- **Description:** Transmits secured encrypted data via different channels & makes it reusable.
- **Tools/Concepts:** Java, Oracle SQL, OOP, MVC.

HACKATHON PROJECTS

- **TXPersonalizer App @ DreamHack/Codechella-INTUIT, San Diego**
- **VR Sustainability App @ Big Red Hacks, Cornel**
- **Summarizer @ Global AI Hackathon, San Diego**
- **Ikran @ MHacks, Detroit**
- **c-AR Race @ Hack OHIO, Ohio**

PERSONAL PROJECTS

AR you a DJ

- **Description:** Musical AR app to mix and merge music with some Helper-cards.
- **Tools/Concepts:** AR, Unity 3D, Vuforia. C#

Virtual Builder

- **Description:** Builder app, making architectural decisions using machine learning in a VR world.
- **Tools/Concepts:** ML, VR, Unity 3D, Vuforia. C#

Clones

FlappyBird, Uber, Snapchat, Instagram, WhatsApp

HONORS

- **Spotlight for excellence** at **INTUIT, San Diego**
- **Special mentioning** at **Big Red Hacks, Cornel**
- **Lead Presenter** at **Frameless Labs - VR Symposium, NY**
- **30% Merit Scholarship** at **Rochester Institute of Technology**
- **Gold Medalist** in **2nd International Mathematics Olympiad**
- **Bronze Medalist** in **8th Nation Cyber Olympiad**
- **Got mentioned** as **The Indian ColdPlay by BaySide Journal**

EXTRA CURRICULAR

- **VIP Management** Committee Volunteer for **2nd Indian Student Parliament**.
- Taught thousands of underprivileged children under **Microsoft Student Partner Initiative**.
- Sung & Composed the **Music Album - Jeene Do** with my band - **RuH**.
- Composed Songs and Background Scores for various **Advertisements & Short films**.