4 years of experience of Software development and user experience development in various college start-ups, adept in analytics and seamlessly integrating project technical aspects and making information relatable to non-technical personnel. Experienced leadership and project management with 2-year history in the field. Along with my masters degree focusing on computer science, I took graduate courses in product management from business school.

**SKILLS -** AGILE PROJECT MANAGEMENT, PRODUCT DEVELOPMENT, MS OFFICE, UX/UI, HTML, CSS, NODEJS, EXPRESS, JAVA, C, PYTHON, JAVASCRIPT, AWS, GIT, LINUX, R, ARDUINO, MATLAB, MYSQL, MONGODB, FULL STACK SOFTWARE DEVELOPMENT, MACHINE LEARNING, DEEP LEARNING, EMBEDDED SYSTEMS DEVELOPMENT

**EDUCATION**

**University of Pittsburgh**

**Master of Science** - **Information Science–GRADUATING APRIL 2020** GPA 3.05/4.0

Coursework in software engineering, data science, machine learning and product management.

**Maulana AbuI Kalam Azad University of Technology**

**Bachelor of Technology** - **Electronics and Communication Engineering** **– Feb 2018** GPA -7.5/10

Coursework in electrical engineering, robotics, algorithms and business.

**TECHNICAL EXPERIENCE**

**University of Pittsburgh - Software Engineer and User Experience Designer (Part-time) JANUARY 2019- APRIL 2019** Increased response rate of students by 18% in user studies by **developing the prototype of lecture evaluation system** using PHP, MYSQL, HTML and CSS

**Dappiness Development Studio, Pittsburgh, PA - Software Engineer (Internship)**

**JUNE 2019 - AUGUST 2019** Created transaction-based systems for cryptocurrency using Javascript, NODE.JS, EXPRESS JS, MYSQL

**Norilla-Software Developer January 2019 – current**

* Increased engagement by 15% by developing interactive features using JavaScript.
* Trained and implemented simple computer vision programs with Microsoft Kinnect

**Electronics Corporation of India Limited** -**Embedded Systems Engineer(Internship)**

**MAY 2016- JULY 2016**

Built Anti-theft vehicular security system by programming microcontrollers to create interaction between sensors, camera, GSM modem and GPS.

**Zaaika(start-up)- Software Developer, Data analyst and Project Manager(Part-time)**

**APRIL 2014-APRIL 2016**

* Increased sales by 60% by creating the full stack web application of food delivery service.
* Decreased delays by 13% by analyzing heat maps of requirements to redistribute delivery boys.

**LEADERSHIP AND ENTREPRENEURIAL EXPERIENCE**

**CURVE Pittsburgh, PA -Vice President of Engineering (college start-up) (part-time) JANUARY 2019 - CURRENT**

* **Led and managed** a project team of 7 engineers, 2 UX designers by following **agile methodology.**
* Participated in creating the design for the web application using **Figma** and **Adobe XD**
* Worked with users including Principal Investigators and students to understand requirements and perform user studies and created product design.
* Provided technical direction on web application projects and initiatives to engineers.
* Developed proposals outlining project scope and timeline.

**LiveMint.io - Product Manager (part-time) JANUARY 2020 - CURRENT**

* Maintaining trello boards to manage the tech team.
* Communicating with UX designers and participating in UX development
* Leading the technology team and solving any roadblocks.

**CRY-Child Rights and You, Kolkata** - ***Volunteer Leader***

**MAY 2015- JULY2018**

* Analysed surveys using PYTHON for slum kids in terms of education, nutrition and living
* Creating and selling products, strategizing and conducting health camps, Model United Nations, Soccer for child rights, Bake for CRY and reaching the targets of required funds.

**PROJECTS AND ACCOMPLISHMENTS**

* **IBM Bluehack Hackathon Pittsburgh 2018** **(awarded 1st prize}** Along with the **business case** we **designed, developed and presented a prototype of a system** using IBM Watson APIs which uses voice to edit, manage and share images which can be used by elderly and disabled people.
* **Robotics competition IIT Kharagpur 2015 Programmed High-Speed Line following** robot using PID control algorithm used on an Arduino microcontroller.
* **Predicted kidney diseases** for UPMC using machine learning with R with an accuracy of 83% as a part of class project.
* Implemented machine learning algorithms on various sales data of companies to **predict business strategy**.