8 years of coding experience, 4 years of Software development and user experience development in various start-ups, adept in analytics and seamlessly integrating project technical aspects and making information relatable to non-technical personnel. Experienced leadership, product development 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 development and management from business school.

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

**EXPERIENCE**

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

**JANUARY 2019 - CURRENT**

* Led and managed a project team of 5 engineers, 2 UX designers by following agile methodology.
* Recruited top development talent and saved $65000 by research and implementation.
* 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
* Communicating with UX designers and participating in UX development
* Leading the technology team and solving any roadblocks.

**University of Pittsburgh - Software Engineer and User Experience Designer**

**JANUARY 2019- APRIL 2019** Increased response rate of students by 18% by developing the lecture evaluation system using PHP, MYSQL, HTML and CSS

**Dappiness Development Studio, Pittsburgh, PA - Software Engineer**

**JUNE 2019 - AUGUST 2019**

Working with Javascript, NODE.JS, EXPRESS JS, MYSQL and creating transaction-based systems for cryptocurrency.

**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 reached the targets of required funds.

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

**APRIL 2014-APRIL 2016**

• Contributed to the full stack application of food delivery service.

• Analyzed heat maps to distribute delivery boys

**Electronics Corporation of India Limited** ( **Embedded Systems Intern)**

**MAY 2016- JULY 2016**

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

**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.
* **Predicted kidney diseases** for UPMC using machine learning with R with an accuracy of 83%.
* Implemented machine learning algorithms on various sales data of companies to **predict business strategy**.
* **Robotics competition IIT Kharagpur 2015 Programmed High-Speed Line following** robot using PID control algorithm used on an Arduino microcontroller.

**EDUCATION**

**University of Pittsburgh**

**Master of Science** - **Information Science–graduating-April 2020**

Coursework in Full stack software development, data science, machine learning and product management. GPA 3.05/4.0

**Maulana AbuI Kalam Azad University of Technology**

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