

## **ARKAJIT BANERJEE (ARKA)**

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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, 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 management from business school.

**SKILLS** - AGILE PROJECT MANAGEMENT, PRODUCT MANAGEMENT, 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

### **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 Abul 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% 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

#### **Zaaiika(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.

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

Increased engagement by 15% by developing interactive features using javascript.

**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.

**LEADERSHIP AND ENTREPRENEURIAL EXPERIENCE****CURVE Pittsburgh, PA -Vice President of Engineering (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%.

- Implemented machine learning algorithms on various sales data of companies to **predict business strategy**.