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 lecture evaluation system using PHP, MYSQL, HTML and CSS

Dappiness Development Studio, Pittsburgh, PA - Software Engineer (Internship)
JUNE 2019 - AUGUST 2019
Working with Javascript, NODE.JS, EXPRESS JS, MYSQL and creating transaction-based systems for cryptocurrency.

Zaaika(start-up)- Software Developer, Data analyst and Project Manager(Part-time)
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 Engineer(Internship)
MAY 2016- JULY 2016
- Built Anti-theft vehicular security system by programming microcontrollers to create interaction between XYZ sensor, 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 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 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**.