

ARKAJIT BANERJEE

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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
- Ensuring that the codeLeading 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.

Zaika(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 Abul Kalam Azad University of Technology

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