

Deepanshu Badshah

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[Github](#), [Linkedin](#)

DOB: November 11, 1997

80/10, Barkuhi, Chhindwara, Madhya Pradesh-480447



Education

Indraprastha Institute of Information Technology, Delhi

B.Tech(ECE)

2016 – 2020(Present)

Kendriya Vidyalaya Barkuhi, Barkuhi (Madhya Pradesh)

CBSE

2014 – 2015

Kendriya Vidyalaya Barkuhi, Barkuhi (Madhya Pradesh)

CBSE

2012 – 2013

Skills

Expertise Area Full-Stack Development, Computer Vision, Django, Machine learning, Data Structures and Algorithm, MySQL, PHP, Verilog HDL

Programming Language Java, Python, PHP, SQL, Ruby, C++, Javascript

Tools and Technologies Scikit-learn, OpenCV, Hadoop, Django Framework, React, LAMP, phpMyAdmin, Rails, Bootstrap, Ajax, AWS, Heroku, HTML, CSS, RPI

Technical Electives Software Engineering, Computer Vision, Big Data Analytics, Statistical Machine Learning, Machine Learning in Biomedical Applications, Digital Image Processing, Digital VLSI Design

Projects

A Social media platform (Oct,19 – Oct,19)

Guide: Independent project

Designed and developed a social media platform for developers.

Tech-stacks: Django, SQLite, Bootstrap, Javascript, Ajax, AWS, Heroku

Dynamic traffic control system via vehicle identification and counting (Sep,19 – Sep,19) Team Size-2

Guide: Prof. A V Subramanyam

Designed a dynamic traffic control system, where live timing of the signal is a function of the number of vehicles in the frame.

Tech-stacks: Python, OpenCV

Pulse rate calculation using phone camera video (Mar,19 – Apr,19)

Guide: Prof. Mayank Vatsa

Here, the pulse rate has been calculated (with 96.7% accuracy) via phone camera video by analyzing pixel value changes. Tech-stacks: Python, OpenCV

A multi-vendor E-commerce platform

(May,19 – July,19)

Guide: Independent project

Built a hyper-local multi-vendor, multi-city E-Commerce platform. It has been created from scratch (Without any framework) and is consists of the admin panel, vendor panel and an online ordering website with an alert and notification system.

Tech-stacks: PHP, MySQL, javascript, Bootstrap, XAMPP, SMS API

Vehicle Rental System

(Oct,18 – Nov,18)

Guide: Prof. Manish Shrotriya

Team Size-4

Created a travel booking and management system for travel Agents who provide cab and bus rental service.

Tech-stacks: Ruby on Rails, SQLite, Javascript, Ajax

Cloud-Based restaurant management, billing, and accounting software

(May,18 – June,18)

Guide: Independent project (freelancing project)

Designed and developed a responsive cloud-based software for billing, accounting (Tax/GST calculation) and inventory management with the proper dashboard (sales, expenses, and low inventory reporting system).

Tech-stacks: PHP, MySQL, javascript, Ajax, Bootstrap, XAMPP

Machine learning framework for early MRI based Alzheimer's conversion in MCI subjects.

(Sep,19 – Sep,19)

Team Size-3

Guide: Prof. G.P.S Raghava

Constructed the aggregate biomarker by first learning a separate MRI biomarker (image data) and then combined it with age and cognitive measures (text data) about the MCI subjects at the baseline by applying a random forest classifier.

Tech-stacks: Python, Sklearn, Keras, pandas

Layout Design of Complex Gate- AOI222

(Oct,18 – Nov,18)

Guide: Prof. Anuj Grover

Designed complex gate AOI222 using Cadence Virtuoso with design constraints of STMicroelectronics and cleared DRC and LVS.

A notes sharing platform

(Dec,19 – present)

Guide: Independent project

Notes sharing and collaborative learning platform for students.

Positions of Responsibility

- CityShop, Team Head

(May,19 – July,19)

Awards and Achievements

- School topper, 12th CBSE board examination

Interests and Hobbies

- Software Development
- Music
- Social Work

Declaration: The above information is correct to the best of my knowledge.

Deepanshu Badshah

Date: December 10, 2019