

Parth Dali

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EDUCATION

Graduate Student, Computer Science
Indiana University Bloomington

Aug 2023 - Present

Bachelor of Engineering, Information Technology
University of Mumbai

Aug 2019 - May 2023
GPA: 9.3/10

EXPERIENCE

Virtual Developer Program, Accenture

Dec 2021 - Jan 2022

- Engaged in a virtual program by **Accenture** to learn about designing user interfaces and streamlining user flow.
- Completed **practical tasks** to design changes to existing architecture, scale on-premise system infrastructure to the cloud, and learn about User Acceptance Testing(UAT).
- Acquainted with software development lifecycle(SDLC), refactoring data, & understanding code-base.

Front-End Developer Intern, KubixSquare

Jul 2021 - Sep 2021

- Conceptualized & developed the **Dashboard User-Interface(UI)** for a Cryptocurrency based website using HTML, CSS, Bootstrap, and JavaScript.
- Led the development, **collaborated over git**, code reviewed, and checked in regularly for weekly reports.
- Ensured responsiveness, user-friendly interface, and **added 5 unique design** features.

Full-Stack Developer Intern, CoinMarketLive

May 2021 - Aug 2021

- Devised a Cryptocurrency website in WordPress to demonstrate **real-time value** and communicate crypto market information, resulting in **200K visitors** throughout a month.
- Proposed and created an engaging layout with easy navigation for users, contributing to the **increase in traffic by 10%**.
- Integrated Bitcoin plugins and hosted a website on Heroku, with a daily average of **25K new users**.

PROJECTS

Autonomous Vehicle Simulation

- Simulated and created several environment scenarios to carry out autonomous vehicle functionalities utilizing **Webots software**.
- Defined and implemented a recursive neural network (RNN) combined with an A search algorithm resulting in a **40% reduction** in collision incidents and increased road safety.

Medical Insurance Cost Recommendation

- An ML model to recommend insurance rates based on various attributes; Streamlined multiple Linear Regression to recommend insurance cost with **80% accuracy**.
- Performed data cleaning, and performance evaluation of the model, & implemented the backend using **Flask framework**.

Turf Booking Website(SurfTheTurf)

- Designed a website that allows users to book nearby Turfs efficiently and have a hassle-free experience.
- Managed a **5-person team** to design, create, and host the website.
- Enabled email verification, real-time slot booking using Django with PostgreSQL & integration of the **Razorpay payment** system was prepared.

SKILLS

Technical/Programming languages: Java, Python, JavaScript, React, MySQL, MongoDB, Django, NodeJS.

Other: DataStructures, Algorithm design and analysis, OpenCV, Github, AWS.

Certifications & Courses: IBM Data Science Specialization, Web Development Bootcamp

ACHIEVEMENTS & EXTRA CURRICULAR

Google Cloud Ready Facilitator Program:

Apr 2022 - Jul 2022

- Collaborated with Indian developers & applied knowledge about Application Development, and model training using Google's Cloud platform

Undergrad. College Robotics Team (Team RAW):

Aug 2020 - May 2022

- Participated in multiple International & National level Robotics competitions.
- Organized a workshop for **150+ students** & talked about the practical application of Microcontrollers, Arduino, Sensors, and communication devices.

RedDot Foundation (Volunteer)

Jan 2022 - Feb 2022

- Volunteered for the Safecity team to help with **crowd-mapping of 50+** personal stories on sexual harassment in public spaces.