ANIRUDH MITRA

Indian Institute of Information Technology Vadodara

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EXPERIENCE

Innovator
Digital Impact Square, A TCS Foundation Initiative

📅 Jan 22 – Jul 22

- Building a Social-Initiative startup "Shezh", trying to solve the problem of waste management.
- Leading development & deployment workflows.

Frontend Developer Intern
Bluepad

📅 Nov 21 - Jan 22

- Created a user-friendly Content Management System(CMS) for posting/modifying/deleting content easily.
- Boosted site performance by implementing image compression on AWS S3.
- Improved SEO by introducing dynamic and on demand server-side rendering.

React JS Developer Intern
Unruffled Feathers

📅 June 21 – August 21

- Implemented wire-frames and illustrations using React.js and material design.
- Fixed issues related to REST API server.

EDUCATION

B.Tech Computer Science and Engineering
Indian Institute of Information Technology Vadodara

📅 2019 – 2023   CPI: **8.05**

Senior Secondary (XII)
Kendriya Vidayalaya No.1 Indore

📅 2019   Percentage: **93%**

Secondary (X)
Kendriya Vidayalaya No.1 Indore

📅 2017   CGPA : **10**

COURSEWORK

- Data Structures and Algorithms
- Object-oriented Programming, Operating System
- Cloud Computing, Database Management Systems
- Information Retrieval, Artificial Intelligence
- Machine Learning, Business Analytics

SKILLS

Advanced: C/C++ React JavaScript Git TypeScript Node.js HTML/CSS

Familiar: Python Java SQL No-SQL Cloud(GCP) CI/CD

Tools: VS Code Jupyter Lab LaTeX Linux Bash Notion

PROJECTS

Tic-Tac-Toe   –   Academic
Python **AI** **Reinforcement Learning**

📅 Mar 22 - May 22

- Implemented a game playing agent in python which can learn to play Tic-Tac-Toe and upon sufficient training, it never loses.
- Used Q-Learning model-free reinforcement algorithm.

Project Management Portal   –   Academic
React.js **Bootstrap** **Node.js** **PostgreSQL**

📅 Jul 21 - Nov 21

- Developed a feature rich portal to improve the process of application of projects and research internships under faculties in the institute.
- contributed to front-end & back-end code, improved security of platform by implementing role-based authentication.

COVID-19 Tracker   –   Self-learning
React.js **Material-UI** **Leaflet** **Chart.js**

📅 May 21

- Web app that tracks and displays COVID-19 global cases and deaths.
- Used map, chart and graph to show the trends.

ACHIEVEMENTS

- Secured global rank **108** in CodeChef Cook-Off Division 3.
- President awarded, The Bharat Scouts and Guides.
- LibreOffice & ChRIS Project open source contributor.
- Secured global rank **12** in EHF IGKO.
- Secured national rank **4** in EHF NSO.