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D Y PATIL
RAMRAO ADIK
INSTITUTE OF
TECHNOLOGY
NAVI MUMBAI

ACADEMIC BACKGROUND

B. E.		Sem 8 Yet to appear	Sem 7 Yet to appear	Department of Computer Engineering Ramrao Adik Institute of Technology, Mumbai University	8.85
T. E.	May 2021	Sem 6 9.8	Sem 5 9.7		
S. E.	May 2020	Sem 4 9.6	Sem 3 8.2		
F. E.	May 2019	Sem 2 7.9	Sem 1 7.9		
Class XII	Feb 2017	HSC			83.69
Class X	Mar 2015	SSC			86.80

CERTIFICATIONS

- CS50's **Web Programming with Python and JavaScript** course, provided by HarvardX **(Harvard University),** was successfully completed, comprising six projects, (Sep 2021).
- Concluded **CCNA** program, comprising of courses, **Introduction to Networks, Switching Routing and Wireless Essentials, Enterprise Networking Security and Automation,** (Sep 2021).
- Completed **AWS Academy Graduate - AWS Academy Cloud Foundations** course by **AWS Academy**, (Aug 2021).
- Successfully completed a course on **DevNet** by **Cisco**, (July 2021).
- Introduction to **Cybersecurity and Cybersecurity Essentials** by, **Cisco** (Mar 2021).

PROJECTS AND INTERNSHIPS

Projects:

- Working on an **Algorithmic Trading Bot** which combines ML with Financial Strategies to get the best trade turnover with minimal capital expenditure and minimized risk. (Apr 2021-Present)
- **Social Network:** Users may connect, create and view posts, and communicate on this social media platform. Technologies used: Postgres, HTML, CSS, JavaScript, AJAX, and Bootstrap. (Aug 2021)
- **QR-Code Based Voting/Election Website**: Developed a website to assist the election authority arrange and administer elections. Voters may easily vote after being authenticated (Liveness and Face Detection + QR Code), using Python, OpenCV, Django, HTML, CSS, JavaScript ,SQLite, TensorFlow (Nov 2020 - Dec 2020).
- **Encrypt-Decrypt**: A python GUI for encrypting and decrypting text and images. Allows having different permissions for user and admin. A secure way to keep data protected and prevent unauthorized access. (Feb 2020 - Mar 2020).

Internships:

- A solution to COVID-19 challenges: Building a pandemic crowd management software with ML, OpenCV, Python, Flutter, and Django, as a part of **RAIT-SDG Summer Internship** (Jun 2021-Present).
- Developed **Truppt: A Vocal for Local Initiative** as a backend developer, which utilizes AI to help small businesses access national and international markets by linking sellers to customers and organizations of all using technologies like Python, Django, Postgres, HTML, JavaScript, during **RAIT-SDG Winter Internship** (Dec 2020 - Mar 2021).

PATENTS AND COPYRIGHTS

- Successfully registered and received the copyright for **TRUPPT: Vocal for Local Initiative**. (Nov 2021)

PUBLICATIONS

- **Algorithmic Trading Bot'**s technical paper has been published on the ITM Web of Conferences (https://bit.ly/3jMp6Bs).
- An article on **Algorithmic Trading Bot** was featured on **GeeksForGeeks** (https://bit.ly/37AOOmS).

POSITION OF RESPONSIBILITY

- Successfully led and coordinated my team in the completion of Projects.
- **Udaan Organizer** organized by Social Wing RAIT worked in Publicity team.
- Voluntarily taught orphanage children and helped them with their studies
- Served as the captain of the chess team in several tournaments.

EXTRA AND CO-CURRICULAR ACHIEVEMENTS

- Rated **2100** on Lichess.org and secured **First** place in the Chess Competition held by Dr. D.Y. Patil College of Law.
- Successfully finished both the levels in **Query-Hunters 2020** and cleared **TCS Codevita 2020** Qualifiers round.
- Earned **certificates** in Python, Problem Solving, as well as **Gold Badges** in C, SQL, and Python on **HackerRank.com.**
- Secured **Third** place in International Maths Olympiad as well as National Science Olympiad in School.

ADDITIONAL INFORMATION

- **Known languages**: Python, C, C++, Java, SQL, HTML, CSS, Javascript, GNU Octave, Assembly.
- **Known Frameworks**: Django, Flask, React.
- **Hobbies**: Chess, Music, Problem Solving