

Soham Kadtan

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EDUCATION

Birla Institute of technology and Science, Pilani - Hyderabad Campus	2023 - 2025
<i>M.E - Computer Science and Engineering</i>	
Amrutvahini College of Engineering, Sangamner	2019 - 2023
<i>B.E - Computer Science and Engineering</i>	

TECHNICAL SKILLS

- **Languages:** C++, Python, JavaScript, HTML, CSS, SQL
- **Technologies/Frameworks:** Git, Node.js
- **Developer Tools:** Selenium, Visual Studio Code, Anaconda
- **Operating System:** Linux, Windows

WORK EXPERIENCE

TwoWaits By Tathastu (Link) Web Developer	February 2022 - March 2022
<ul style="list-style-type: none">• In one-month remote internship at TwoWaits by Tathastu from February 1st to March 1st. During this time, I actively designed and developed a gym website using web development languages including HTML, CSS, and JavaScript. After that successfully hosted the website, establishing a reliable online presence for the gym.	

PROJECTS

LoRa Optimal Channel Selection (Link) Machine Learning	December - 2024(Ongoing)
<ul style="list-style-type: none">• Key Skills: - Python, Machine Learning.• Overview: - This study addresses the limitations of random channel selection by focusing on improved optimal channel selection. To overcome these shortcomings by applying game theory to calculate each channel's maximum utility. This approach ensures that data packets travel along the most efficient routes, significantly increasing both throughput and network performance.	

Depression Intensity Detection Via Social Media (Link) Machine Learning	Aug 2022 - March 2023
<ul style="list-style-type: none">• Key Skills: - Machine Learning, Sentiment Analysis.• Overview: - This project addresses mental health by analyzing user's social media posts and comments on Facebook. We employ advanced sentiment analysis to accurately identify negative content. We then provide health tips and precautions to help users experiencing stress and depression. This proactive approach aims to improve psychological well-being and deliver appropriate support in a timely manner to those in need.	

Car Rental Management System (Link) Web Development	September 2021 - October 2021
<ul style="list-style-type: none">• Key Skills: - HTML, CSS, PHP.• Overview: - In this project, users effortlessly book rides by registering on the website, choosing their destination, and specifying their pick-up time. The flexible process delivers a seamless and user-friendly experience. It meets travelers' needs with precision and convenience, enhancing their journey from start to finish.	

SEMINAR

Analysis on Cross Platform App Development Tools (Link) Android Developer	Aug 2022 - Oct 2022
<ul style="list-style-type: none">• Key Skills: Android, Framework, HTML, CSS, JavaScript, Git• Overview: The powerful Apache Cordova framework is used to create a cross-platform mobile application. Cordova, a robust open-source development environment, empowers developers to harness standard web technologies such as HTML5, CSS3, and versatile JavaScript. This approach enables us to build native-looking applications that run seamlessly across multiple mobile platforms, including iOS and Android, from a single codebase.	

ACHIEVEMENTS

PRECCON - Pravara Rural College of Engineering, Loni (Link)	March - 2023
<ul style="list-style-type: none">• We participated in the PRECCON conference conducted by Pravara Rural College of Engineering, Loni, where we won 1st prize for our project, "Depression Intensity Detection in Social Media Using Deep Learning." and I was the group leader of my team.	