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# Amit Maindola

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## SKILLS

<b>Technologies</b>	C++, Python, JavaScript, HTML, CSS, SCSS, MERN & LAMP Stack, Web & Rest APIs, Web Sockets, Image Processing, Data Science & Basic Machine Learning Algorithms
<b>Frameworks</b>	Bootstrap, Tailwind CSS, jQuery, Flask, Express
<b>Tools</b>	Git, GitLab & GitHub, Basic Docker & Docker Hub
<b>Platforms</b>	Linux, VS Code

## RELEVANT COURSES COVERED

[Data Structures Algorithms] [Applied Databases Practicum] [Data Science & Machine Learning] [Information & Database Schema]

## WORK EXPERIENCE

<b>Mazinda (An E-Commerce Startup)</b>	<b>Full Stack Development Intern</b>
<ul style="list-style-type: none"><li>Designed the database structure, implemented it using MongoDB, wrote several database queries.</li><li>Developed &amp; worked with the API.</li><li>Developed front-end for user end and admin portal for this e-commerce website.</li></ul>	

## PERSONAL PROJECTS

<b>Smart Assist - Study Helper</b>		
<i>FrostHack 2022</i>	<i>Web, Python, Flask, Matplotlib, Scikit-learn, Data Structures</i>	<a href="#">GitHub Link</a>
<ul style="list-style-type: none"><li>Developed user interface of the application &amp; connected it to routes managed by flask server.</li><li>Implemented the functionality to find keywords from a given paragraph/audio/video.</li><li>Created tools like scientific calculator &amp; multi graphs plotter (to plot multiple functions in a single graph using HTML canvas).</li></ul>		
<b>iRailway - Railway Tickets Management System</b>		
<i>Final Project For Course Applied Databases Practicum</i>	<i>Web, JS, PHP, MySQL</i>	<a href="#">GitHub Link</a>
<ul style="list-style-type: none"><li>Created complete database structure, implemented it using MySQL.</li><li>Wrote database queries for Booking/Canceling/Downloading/Verifying tickets.</li><li>Developed the user interface and connected the interface with database using PHP server.</li><li>Developed personalized dashboard &amp; ticket verification portal, to verify tickets using QR Code.</li></ul>		
<b>AirText - A Virtual Canvas</b>		
<i>Hack 36 - IIT Mandi, 2022</i>	<i>Python, OpenCV, Numpy</i>	<a href="#">GitHub Link</a>
<ul style="list-style-type: none"><li>Implemented basic functionality of a drawing board like draw, erases, select color, reset etc.</li><li>All the functionalities work by tracing the position of specific colored marker.</li><li>Move the marker in air to perform any operation (draw, erase, change color, reset) &amp; hence it acts as a virtual canvas.</li></ul>		
<b>KrishiMitra - Farmer's Buddy</b>		
<i>Pan IIT Global Virtual Technology Summit 2021</i>	<i>Web, Nodejs, Express.js, MySQL, API</i>	<a href="#">GitHub Link</a>
<ul style="list-style-type: none"><li>Created database structure, implemented it and connected it to front-end using node server.</li><li>Implemented functionality to search merchants in a given location and created user interface for same.</li><li>Used OpenWeatherMap's API to get the weather details forecastings.</li></ul>		

## EDUCATION

<b>Bachelor of Technology</b> , Indian Institute of Technology, Mandi [Current CGPA: 7.9]	Nov 2020 - Present
<b>Senior Secondary</b> , Jawahar Navodaya Vidyalaya Dhar, MP [91.8%]	April 2019

## AWARDS & ACHIEVEMENTS

Secured All India Rank of 3867 in IIT-JEE Advanced.	2020
Successfully completed open source contributions during Hacktoberfest 2021.	2021
Specialist in codeforces ( <a href="#">Handle</a> ).	
Reached final round in PAN IIT Hackathon 2021.	2021
Ranked under top 15 in Frosthack 2022.	2022
District Rank-1 in EYSE-2019	2019

## POSITIONS & RESPONSIBILITIES

Web Development Team Member @ Astrax 22' & Ruvan 22', IIT Mandi  
Web Development Team Member @ Yantrik Club, IIT Mandi  
Publicity Team Member @ Xpecto 22' IIT Mandi