Aaryan Palve

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Profile Summary:

A driven AI and Data Science student at Pune University, I am passionate about harnessing technology for societal benefit. With a strong foundation in web development ,data analysis and a creative problem-solving approach, I excel at transforming complex data into actionable insights. My experiences have cultivated a flexible mindset and a commitment to continuous learning, enabling me to adapt to diverse project challenges and contribute effectively to collaborative teams. Dedicated to making a positive impact.

Work Experience:

Brothers Guitars ,Freelance Web Developer: *July 2024 - Aug 2024*

- Built [brothersguitars.in](#) from ground up,collaborated with the client understanding there requirements and the purpose for the said site ensuring that the final product aligned with their brand identity and business goals.
- Designed and developed a visually appealing and user-friendly landing page encompassing the essence and aesthetics of the site compatible across all devices
- Employed SEO best practices to improve search engine visibility and deployed the site name on there domain along with meticulous testing for bugs
- Wiith the help of modern web development techniques ,successfully showcased all the services and classes,provided by Brothers Guitars on there website for maximum client conversion rate

Skillset: Web Development,Client Relations Management

Projects:

Agrimate - [Live link](#)   *Feb 2024 - Aug 2024*

- **Improved information access** through PDF analysis and relevant insights,so farmers can stay up-to-date with the polices by government and guidelines for farming,which would help them enhance there farming practices
- **Enhanced decision-making** with accurate rainfall predictions and tailored crop recommendations so to avoid any dilemmas and find optimal crops ensuring maximum yield based on soil parameter ssuch as NPK values humidity and location
- **Aided disease management** using image analysis for early detection of rice diseases,allowing for timely intervention and preventing significant crop losses.
- **Streamlined supply chain** by connecting farmers with reliable suppliers for cost-effective products
- **Prototyped and tested** in Mirjewadi village, featured in Sakal newspaper

Tech Stack: Flask ,Scikitlearn,HTML,JavaScript, Bootstrap CSS

Cyber Board - [Live link](#)   *Aug 2024*

- **Developed:** A dynamic, React-based cybersecurity dashboard.
- **Data Visualization:** Clear and intuitive representation of security metrics.
- **Filtering:** Customizable filters for targeted data analysis.
- **API Integration:** Seamless connection to external data sources.
- **Robustness:** Exception handling ensures uninterrupted operation, even in the event of API failures.

Tech Stack: React, Redux, Ant Design, Recharts, JavaScript, CSS.

Data EZ - [Github link](#)   *June 2024*

- **Developed a robust Windows application** using JavaScript, TypeScript, Express.js, Node.js, and Visual Basic to efficiently store, manage, and retrieve user information.
- **Implemented a user-friendly interface with secure database connection** providing intuitive navigation and clear data visualization.
  Teck stack: JavaScript, TypeScript, Express.js, Node.js, Visual Basic, Database Management, UI/UX Design, Software Development Lifecycle

Crop Requirement Analysis Power BI Dashboard - [Github link](#)   *Mar 2024*

- **Understanding crop growth factors:** Analyzed the impact of various factors (N:P:K, rainfall, temperature, humidity, pH) on crop yield.
- **Identifying optimal conditions:** Determined the ideal conditions for different crops based on the data analysis.
- **Visualizing complex data:** Presented the findings in a clear and understandable manner using charts and graphs.

Skillset: Power BI,Data Analysis

Volunteering Experience:

- **Guest Lecturer ,Invited by DYPABM clg .**

  I was invited to conduct a demo of my project Agrimate in Mirjewadi Village for farmers' usage.Took feedback on current project via prototype testing and panel discussion with farmers This initiative was also featured in Sakal Newspaper

- **Admiral,Competitive Programming and Mentorship Community**

  CPMC is a coding community with the goal to create a coding environment for like minded individuals.

- **IntellexAI Students Association, PRCoordinator:**

   Planned social media campaigns, and PR content driving engagement to the clubs' social profiles. Received cumulative 35k+ impressions on Instagram.

Achievements:

- **4th Rank VU Visionary Hackathon:** Problem Statement:- Lung Cancer Detection

Technical Skills:

- **Languages:** Python,JavaScript,C++
- **API Development:** Postman,Flask
- **Data Analytics:** Excel, PowerBI, Tableau
- **Databases:** Sqlite3,SQL
- **Web Development:**React JS,Node JS,Express JS,Bootstrap,Tailwind CSS
- **Version Control:** Git, GitHub

Education:

D.Y.Patil College Of Engineering, Akurdi: B.E Artificial Intelligence And Data Science   *Nov-2022*
- 8/10 **CGPA**

Hobbies:

Passionate Guitarist: Skilled guitarist with experience performing at college farewells and jamming sessions with The Last Note .
Fitness Enthusiast: Dedicated to maintaining a healthy lifestyle through regular cycling and running.
Active Participant: Enthusiastic about engaging in group discussions and brainstorming sessions to share ideas and learn from others.