AJAY SURESH

B.Tech / Artificial Intelligence and Data Science

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PROFILE SUMMARY

Final year B.Tech student in Artificial Intelligence and Data Science with expertise in **MERN stack development and data analysis.** Built & deployed impactful web applications like **E-Commerce Web App** and **Personal Portfolio**, and utilized machine learning in projects like **FarmHub** and **News Summarizer** to solve real-world problems. Passionate about using technology to innovate and drive change, I'm seeking a challenging role where I can leverage my combined skillset to make a meaningful impact.

KEY SKILLS

- Node | React | NEXT | MySQL | MongoDB | Git | OOP | Front end | Back end | Java | Computer Vision | Linux | Python
- Machine Learning | TensorFlow | LLMs | Prompt Engineering | Data Analytics | Designing | Problem Solving |
- Excellent Verbal Communication | Team Management

PROFESSIONAL EXPERIENCE

Full Stack Developer (Freelance)   **Feb 2023 - Dec 2023**

- Designed and developed scalable websites using HTML, CSS, JavaScript, React, and MERN stack.
- Integrated APIs for Google Maps, WhatsApp, Mail, and payment gateways.
- Key projects:
  - E-commerce store (MERN stack) Yet to be Hosted
  - React apps for education and grain display with automated mailing
  - Portfolio site for a daycare center to increase admissions
  - Start-up's React app with user data storage and form collection

Graphic Designer (Freelance)   **Aug 2021 - Sep 2023**

- Increased YouTube channel viewership by 23% through thumbnail and logo creation.
- Enhanced video content quality with 3D animation and logo design in After Effects.
- Created graphics and content for Richman Clothing helped the brand to get Customers and Increased the Orders.

Speaker | Ullas Trust   **Aug 2020 - Present**

- Volunteered as a speaker for 4 years, inspiring youth to pursue their career aspirations.
- Delivered impactful career guidance speeches in village schools throughout Tamilnadu, igniting passion and opportunity for young minds.

EDUCATION

Bachelor of Technology in Artificial Intelligence and Data Science | October 2020 - Present
Panimalar Institute of Technology

- Pursuing B.Tech with a 8.1 CGPA, specializing in Artificial Intelligence and Data Science.
- Cultivating expertise in machine learning, deep learning, data analysis, and data visualization.

PROJECTS

- **MERN STACK:** Built scalable websites for Digital JK Media, RichMan Clothing, and Daycare, boosting business and showcasing expertise in the full stack.
- **MUSCLE MONITOR:** React app fueled by RapidAPI and MongoDB, empowering users to track nutrition, suggest workout routines based on BMI, and achieve fitness goals.
- **FARM HUB:** Bridging the generation gap in agriculture, this innovative project features a large language model answering farming questions, image recognition for plant disease detection, and multilingual access.
- **NEWS SUMMARIZER:** Full-stack ML model leveraging Facebook's BERT to generate insightful summaries of online news articles.

AWARDS AND HACKATHONS

- **Web3Hackathon:** Participated and Shortlisted for Finals in TamilNadu's Biggest Web3 based Hackathon.
- **Bootstrap Paradox:** Finalists of Bootstrap Paradox 2023 organized by SIMATS.
- **Simplilearn**: Data Science certification showcasing expertise in data analysis, machine learning, and data-driven decision-making.
- **Great Learning (MongoDB):** MongoDB accreditation highlighting proficiency in NoSQL database management and data storage solutions.