Aryan Jaiswal

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EDUCATION

Indian Institute of Information Technology, Dharwad   2022-2026
Bachelor of Technology in Computer Science and Engineering   *Dharwad, Karnataka*
- **Coursework:** DSA, Probability, Statistics in CS, Linear Algebra, OOPS, Software Engineering, DBMS, TOC, Calculus, AI/ML, OS, System-Design, Cryptography, Computer Networks.

EXPERIENCE

Infosys Springboard   Mar 2024 – July 2024
Plant Disease Classification Project Intern   *Remote*
- **Engineered** a website using **HTML, CSS, and Flask**, integrating a **CNN Sequential model** for plant disease classification, achieving **90%** accuracy and **88%** validation accuracy.
- **Trained** a CNN model on **60,000+ plant images**, optimizing it with data augmentation techniques to achieve a **92% precision rate**, ensuring reliable disease classification.
- **Executed** user authentication and image upload functionalities, **reducing** query response time by **50%** and **enhancing** front-end performance, resulting in a **30% improvement** in load times and user interactions.

InfoKalash   Jan 2025 – May 2025
UI/UX Developer Intern   *Remote*
- **Conceptualised** and prototyped user interfaces in **Figma**, focusing on intuitive and user-friendly experiences.
- **Built** and iterated on user interfaces with a focus on usability and aesthetics..
- **Drove** the design process from concept to prototype, conducting user research, **creating wireframes**, and ensuring accessibility across all devices.

PROJECTS

Exploremate | *HTML, Tailwind CSS, React, Express.js, JavaScript, RESTful APIs*   Apr 2024 – May 2024
- **Constructed** a comprehensive itinerary planning platform, boosting user engagement by **35%** and **improving** the accuracy of travel recommendations by **30%** through **RESTful APIs**.
- **Crafted** intuitive interfaces with **dynamic** elements and **seamless navigation**, increasing user engagement and **enhancing satisfaction** by **40%** through an optimized and responsive user experience.

Portfolio Website | *React.js, Next.js, Tailwind CSS, Three.js, Netlify, TypeScript*   Oct 2024 – Nov 2024
- **Designed** an immersive portfolio website with **dynamic 3D** elements using Three.js and advanced Tailwind CSS, delivering a visually captivating and **interactive** user experience.
- **Deployed** and **live** on **Netlify**, optimizing load times and ensuring **cross-platform responsiveness** while integrating SendGrid, demonstrating expertise in **responsive** design and **high-performance** web solutions.

TECHNICAL SKILLS

Languages: C++, JavaScript, TypeScript, HTML, CSS, Java, Python, SQL.

Technologies: React.js, Express.js, Next.js, Node.js, Flask, Tailwind CSS, Bootstrap, MySQL, RESTful APIs, TensorFlow, PyTorch, Google Colab, Jupyter Notebook, Linux, Solidity, Azure, GCP, Git, GitHub.

ACHIEVEMENTS and CERTIFICATIONS

DSA: **Solved 400+ DSA problems** on GFG and **Leetcode**; **3rd place** in a **DSA competition** at IIT Dharwad.

Finalist - Level Supermind Hackathon: Ranked among the **top 500** participants (**top 2%**) in Mumbai.

AlgoUniversity Tech Fellowship (ATF) 2024: Qualified Stage 1, ranked in **top 20%** of **20,000+** applicants.

Microsoft AI Odyssey: I am an **MLSA** and I was among the **5%** people who completed both Levels 1 and 2, **my views** on how generative AI is helping me to achieve success are **featured** on the **Azure Developer Community's** YouTube channel.

Google Cloud Study Jams and Arcade: Completed and **assisted 25+ participants** in **completing** Cloud and Gen AI.

Founder and President, MLSA Chapter: Launched the MLSA Chapter at IIIT Dharwad, fostering a growing community.

Specializations: "Coursera's Innovation" (Stanford) and "Machine Learning" (Deep Learning).

NSS Participation: Contributed to a **2,500 km human chain**, along with various community service initiatives.