

# ARYAN JAISWAL

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## EDUCATION

**Indian Institute of Information Technology, Dharwad**  
*Bachelor of Technology in Computer Science and Engineering*

**2022 - 2026**  
*Dharwad, Karnataka*

## EXPERIENCE

### InfoKalash

**Jan 2025 – Feb 2025**

*UI/UX Developer Intern*

*Remote*

- Redesigned core user workflows in **Figma** for 3 client portals, resulting in **40% reduction** in user-reported navigation confusion during usability testing sessions.
- Led user research sessions with **15+ target users**, synthesizing feedback to pivot initial design approach, contributing to **30% projected increase** in user engagement metrics.
- Applied responsive design principles across **10+ device breakpoints**, ensuring seamless cross-platform accessibility and modern design standards.

### Infosys Springboard

**Mar 2024 – July 2024**

*Plant Disease Classification Project Intern*

*Remote*

- Crafted a website using HTML, CSS, and **Flask**, integrating a **CNN Sequential model** for plant disease classification with **90%+** accuracy across training and validation sets.
- Developed and optimized a CNN model on **60,000+ plant images**, using advanced data augmentation techniques to achieve a **92% precision rate**, ensuring reliable disease classification.
- Enhanced backend performance by refactoring user authentication and image upload functionalities, resulting in a **50% reduction** in response time and a **30% improvement** in page load speed, ensuring a **scalable and efficient** user experience.

## PROJECTS

### AI Career Navigator | [GitHub](#) | [Demo](#) | *Azure OpenAI, React.js, TypeScript, Flask, Three.js*

- Designed and implemented core algorithms for a **production-ready** AI career platform using **Azure OpenAI GPT-4.1**, tested locally by **100+ users**, providing personalized resume insights and tailored career guidance.
- Architected a scalable microservices infrastructure (React/TypeScript, Flask) on **Azure App Service** and **AI Search**, handling **500+ document** processing operations with **99%** uptime in testing.
- Built advanced ML features including career chat, resume analysis, skill gap detection and dynamic interview generation; received **positive peer feedback** and demonstrated a **60% reduction** in career preparation time.

### Personal Portfolio Website | [Live](#) | [GitHub](#) | *React.js, Next.js, Tailwind CSS, Three.js*

- Constructed a full-stack interactive portfolio using **Next.js** and **Three.js**, achieving **95+ scores on Google Lighthouse** for performance and accessibility; deployed via GitHub-integrated CI/CD pipeline on Netlify.
- Composed immersive 3D visuals and interactive animations using **Three.js**, optimizing rendering performance across **10+ device breakpoints** for a seamless user experience.
- Integrated comprehensive SEO enhancements and responsive design principles, resulting in **40% faster load times** and significantly improved user engagement metrics.

## TECHNICAL SKILLS

**CS Fundamentals:** Data Structures, Algorithms, Object-Oriented Programming (OOP), Operating Systems

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

**Frameworks/Libraries:** React.js, Node.js, Express.js, Flask, Tailwind CSS

**Cloud/Databases:** AWS, Azure, GCP, MySQL, MongoDB

**ML/AI:** Azure OpenAI, GPT-4.1, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy

**Tools & DevOps:** Git, GitHub, VS Code, Docker, Linux, Postman, Figma

## ACCOMPLISHMENTS & LEADERSHIP

**Finalist – Level Supermind Hackathon, Mumbai:** Top **2%** (**500/25,000+** participants).

**Competitive Programming:** **GFG** college rank **14**, 1-year streak on **LeetCode** and **GFG**.

**Microsoft AI Odyssey:** Completed Levels 1 & 2; ranked in top **5%** globally.

**Featured Developer:** Spotlighted on Azure Developer Community's YouTube channel for AI innovation.

**Google Cloud Study Jams:** Mentored **30+** participants; completed Cloud and GenAI tracks.

**Founder & President – MLSA Chapter, IIIT Dharwad:** Built and led the official Microsoft student community on campus.

**Certifications:** Deep Learning Specialization (Andrew Ng), Stanford Innovation & Entrepreneurship.