Aryan Yash

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OVERVIEW

- Full Stack and Frontend Developer experienced in building production-ready applications using React, Next.js, JavaScript (ES6+), and modern UI libraries. Strong ability in designing responsive interfaces, integrating API-driven workflows, and optimizing performance. Hands-on experience with GPU-based machine learning pipelines through NVIDIA DGX A100 training. Skilled in debugging, state management, and delivering scalable solutions. Always focused on clean architecture, teamwork, and rapid learning to contribute effectively to engineering teams.

EDUCATION

- **ABES Institute of Technology, AKTU** — Ghaziabad, India
  Bachelor of Technology — Computer Science and Engineering (Data Science); GPA: 7.5 — 2022 – 2026
- **DAV Public School (CBSE)** — Ghaziabad, India
  Senior Secondary — Science Stream; Percentage: 90.1% — 2022

SKILLS SUMMARY

- **Frontend**: React.js, Next.js, Tailwind CSS, Component Architecture, Responsive UI, TypeScript (Beginner)
- **Backend**: Node.js, REST APIs, Firebase, Authentication Systems, Realtime Databases
- **Languages**: JavaScript (ES6+), Python, HTML, CSS
- **Tools**: Git, GitHub, VS Code, Vercel, Netlify
- **AI Tools**: ChatGPT, Gemini, Claude — used for development assistance, debugging, documentation, and workflow automation
- **Core Strengths**: Debugging, UI Optimization, API Integration, State Management, System Thinking, Problem Solving

EXPERIENCE

- **Arithmatrix Technologies** — Remote
  Full Stack Developer — *Aug 2025 – Sept 2025*
  - Developed the official company website using React and Next.js with reusable components and optimized UX.
  - Implemented internal engineering tools involving API integration, authentication, and modular full stack workflows.
  - Collaborated across frontend and backend tasks; all product details under strict NDA.
- **NVIDIA — DGX A100 Training Program** — On-site
  Trainee Engineer — *October 2024 – January 2025*
  - An 80 Hour Realtime Industry Based AI-Web Dev Internship And Training Program.
  - Worked with NVIDIA DGX A100 compute environment for deep learning training and GPU inference optimization.
  - Built real-time Speed Violation Detection and PPE Detection systems using Python and OpenCV.
  - Optimized inference pipelines for high throughput and reduced latency.
- **Freelance Full Stack Developer** — Remote
  Web Development & Digital Solutions — *Apr 2025 – Present*
  - Delivered full stack applications using Next.js, React.js, Firebase, Tailwind CSS, and Vercel deployment.
  - Developed dashboards, authentication systems, and landing pages for clients and personal projects.

PROJECTS

- **EQUISON — Financial SaaS Platform (Next.js)**: Full stack platform using Plaid and Dwolla for real-time transactions, analytics dashboards, and SSR authentication. [View Project]
- **YC Directory — Startup Listing Platform**: Next.js project using GitHub OAuth, dynamic routing, and Vercel deployment. [View Project]
- **Realtor Website (HTML, CSS, JS)**: Custom frontend project inspired by Homes.com with clean UX and responsive layout. [View Project]
- **SMS / Email Spam Classification**: Machine learning classifier using TF-IDF and Naive Bayes. [View Project]
- **Cats vs Dogs Image Classifier**: CNN-based classifier with data augmentation and regularization. [View Project]

CERTIFICATIONS

- **SIH Finalist 2023**: Internal Hackathon Selection
- **Python A to Z Bootcamp**: DevTown
- **Frontend Web Development with React.js & JavaScript**: DevTown
- **C++ & Data Structures + Algorithms Bootcamp**: DevTown
- **DevOps for Web Development Bootcamp**: Microsoft Learn
- **Cloud Computing with AWS Bootcamp**: Microsoft Learn
- **Data Visualization: Empowering Business with Effective Insights**: TATA Forage