Aryan Pradhan

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Profile Summary

Curious and motivated student with an growing base knowledge in Full Stack Web Development. Am an enthusiast in creating practical applications, and have been learning Data Structures and Algorithms, and have an intermediate idea of the concepts of DSA in C++. Passively undertaking skills to start individual initiatives and to be enthusiastic to implement what has been learned in useful software applications. I am willing to be involved in effective projects and learn more in an active tech atmosphere. In addition I have basic knowledge of iOS app development using swift.

Education

- Dronacharya Group Of Institutions, Greater Noida, UP — 2022 - 2026
  B.Tech in CSE(AIML) — Aggregate – **68.05%** (Up to 7th semester)
- Modern School, Sec-17, Faridabad, Haryana — 2021
  Class 12th — Aggregate - **80.1%**
- G.L.T Saraswati Bal Mandir, Nehru Nagar, Delhi — 2019
  Class 10th — Aggregate - **83.4%**

Technical Skills

- **Programming Languages:** C++ , C, HTML, CSS, JavaScript, TypeScript, Swift (Intermediate)
- **Core Competencies:** Data Structures & Algorithms (Intermediate), Problem-Solving, Code Optimization, Firebase Integration, iOS App Development (Storyboard & SwiftUI)
- **Tools & Technologies:** React.js, Xcode, Firebase (Auth & Database), Git, GitHub, Visual Studio Code, FFmpeg, Microsoft PowerPoint Premium

Projects

Portfolio – Personal Website | **GitHub** | **Live Demo**
- Created and built a personal web page that was responsive to display projects, skills, and achievements.
- Aimed modern UI/UX with the help of HTML and CSS.
- Deployed the website using GitHub Pages for public access.
- Optimized layout for mobile and desktop devices.

Password Generator — React Web Application | **GitHub** | **Live Demo**
Technologies: React.js, Javascript, CSS
- Created a password generator with React functional components and Hooks (useState, useEffect, useCallback).
- Real time password creation with custom password length, numbers and special characters and one click copy to clipboard.

Elevate.AI — AI – Powered Business Assistant | **GitHub**
A friend and I created it as a group projects | Technologies: LLMs, Gemini API, AI tools
- Co-created a platform to automate business tasks using Gemini API, with features like AI blog generation, SEO optimization, sentiment and data trend analysis.
- Created the system to automate workflows, minimize manual effort and offer businesses data driven decision support.

ColorSyncro – iOS App (Swift, UIKit, Firebase) | **GitHub**
- Built an iOS app to create and store time stamped random color codes.
- Implemented an offline/online support system with local storage and real-time synchronisation via Firebase.
- created a user-friendly interface using UIKit to view and manage generated colors easily and arrange them.
- Oriented toward reliability and user experience through data consistency in both offline and online modes.

Achievements

- 100+ coding problems across different coding platforms.
- **2nd Place, Business Plan Contest** — Dronacharya Group of Institutions
  Achieved second place as part of a team by presenting an innovative business plan; recognized for creativity, collaboration, and impactful ideas