Ayush Patil

Data Science | Web Developer |
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GitHub | Linkedin | HackerRank | LeetCode | Portfolio

EDUCATION

DR. D. Y. PATIL INSTITUTE OF TECHNOLOGY   September 2024 - Present
Artificial Intelligence & Data Science B.E.   Pune, Maharashtra
CGPA: 8.95

SKILLS

Programming Languages	Python, HTML, CSS, JavaScript, Dart
Libraries/Frameworks	Pandas, Numpy, Matplotlib, Seaborn, Tailwind CSS, BootStrap, Flutter
Tools / Platforms	Git, GitHub, VS Code, PyCharm, Jupyter
Databases	SQL

PROJECTS / OPEN-SOURCE

PERSONAL PORTFOLIO WEBSITE | Link   HTML | CSS

Features:
- **Fully Responsive Design:** Seamless experience on desktop, tablet, and mobile devices.
- **Modern UI/UX:** Clean, professional interface with smooth animations and a consistent color scheme.
- **Optimized Performance:** Fast load times, compressed images, and minimal external dependencies.
- **SEO Friendly:** Complete meta tags, Open Graph, Twitter Card integration, and semantic HTML structure.
- **Accessibility:** Includes ARIA labels and proper heading hierarchy for improved usability.
- **Social Media Integration:** Direct links to all major social profiles.
- **Easy Customization:** Modular HTML and CSS structure with configurable theming via CSS variables.
- **Live Demo:** https://ayushpatil0810.github.io

PDF NARRATOR | Link   Python | gTTS | PyPDF2

A Python tool that converts PDF documents to audio files using text-to-speech technology. Extract text from any PDF and transform it into clear, natural-sounding speech with intelligent text processing for optimal audio quality.

Features:
- **PDF Text Extraction:** Supports multi-page PDF documents
- **Text-to-Speech Conversion:** Uses Google Text-to-Speech (gTTS) for natural audio
- **Intelligent Text Cleaning:** Automatically fixes common PDF extraction issues
- **MP3 Output:** Generates high-quality audio files
- **Auto-Playback:** Automatically plays the generated audio
- **Error Handling:** Robust error handling for file operations

BLOG WEBSITE - FLASK (PYTHON) | Link   HTML | CSS | Flask | Python | Jinja

Developed a lightweight blogging platform using Python and Flask that dynamically fetches and displays blog posts from an external API. Designed modular routes and templates with Jinja2 for clear code structure and maintainability. Integrated API consumption to retrieve and render content, demonstrating skills in backend integration, data handling, and web application development.

CERTIFICATIONS

- 100 Days of Code: The Complete Python Pro Bootcamp - Udemy
- Learn Bootstrap - Scrimba (Coursera)
- Python for Data Science, AI & Development - IBM (Coursera)
- Version Control - Meta (Coursera)
- HTML and CSS in depth - Meta (Coursera)