SARTHAK ROHILLA

Full-Stack Developer | Web & ML Enthusiast
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Summary

B.Tech Computer Science (AI & ML) student and freelance full-stack developer who builds responsive web applications with HTML, CSS, JavaScript and Python (Flask). Experience spans a machine-learning news-authenticity checker, API-driven browser tools, and an open-source, GitHub-Actions-automated academic resource platform. Comfortable owning a project from requirements through deployment on GitHub Pages and similar hosts.

Experience

Self-Employed **2026 – Present**
Freelance Software Developer – Full-Stack *Remote*

- Building end-to-end web applications for clients, covering responsive front-ends (HTML, CSS, JavaScript) and Python/Flask back-end services
- Integrating third-party and REST APIs and deploying static and dynamic sites, including GitHub Pages hosting
- Managing the full project lifecycle from requirements gathering and design to deployment and post-launch fixes

GarunaCDX Software Solutions LLP **Jun 2026 – Aug 2026**
Product Engineering & Growth Intern (Remote) *Remote*

- Researched industries and identified real business problems to guide product ideas
- Engaged with potential clients to validate ideas and market demand
- Contributed to the development of real-world products and supported customer acquisition and growth initiatives

Skills

- **Languages:** *Python, JavaScript, TypeScript, HTML, CSS*
- **Web / Backend:** *Flask, REST APIs, Responsive Design, DOM Scripting*
- **ML / Data:** *Scikit-learn, TF-IDF Vectorization, Text Classification*
- **Tools & Platforms:** *Git, GitHub, GitHub Actions, GitHub Pages, VS Code*

Projects

News Verifier github.com/sarthakrohilla01/News-Verifier

- Built a machine-learning web app that classifies news articles as likely genuine or fake from their text content
- Trained a text-classification model on labelled fake/true article datasets using TF-IDF features and Scikit-learn, saving models for reuse
- Developed a Flask back-end with an HTML/CSS/JavaScript interface so users can paste an article and get an instant verification result

DronaGIT (DronaNotes Submission Repository) github.com/sarthakrohilla01/DronaGIT

- Worked on an open-source, community-driven platform where students share notes, question papers, syllabi and practicals via pull requests (live at dronanotes.live)
- Structured submissions with validated metadata.json files (type, subject, branch, semester, year) to keep resources consistent and searchable
- Used a TypeScript/Node toolchain and GitHub Actions workflows to automatically process and publish merged contributions

Language Translator github.com/sarthakrohilla01/codealpha_language_translator

- Created a web-based translation tool where users choose source and target languages, enter text and view the translation instantly
- Integrated an external translation API with JavaScript, with optional copy-to-clipboard and text-to-speech support
- Designed a clean, easy-to-use interface and deployed it live on GitHub Pages

Image Gallery github.com/sarthakrohilla01/Codealpha_image_gallery

- Developed a responsive image gallery web page using HTML, CSS and JavaScript
- Separated structure, styling and behaviour into index.html, styles.css and script.js for maintainable, reusable code

Music Player github.com/sarthakrohilla01/codealpha_musicplayer

- Built a browser-based music player as a front-end web application with bundled audio and media assets
- Implemented the player interface using HTML, CSS and JavaScript

Education

Dronacharya College of Engineering **2024 - 2028**
Bachelor of Technology — Computer Science (AI & ML)