SHIVEN PATRO
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INTRO

Aspiring Data Science Engineer with a strong academic foundation and experience in Web Development. Passionately leveraging AI & LLM models to gain expertise in Data Science, Machine Learning, and other software domains, including Cloud Computing and Web Technologies, to build web applications with simple solutions.

PROJECTS

- **Text to Handwriting Converter | Link:** shivenpatro/Text to handwritten   **March 2025**
  Transforms digital text into realistic handwritten documents with custom fonts and natural text variations.
  Built using: Python
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  Built using: Python

- **Skincare Tracker Timer | Link:** shivenpatro/Skincare-Tracker-Timer   **March 2025**
  Developed a sleek and simple skincare time tracker website to help users manage their skincare routine effectively.
  Built using: TypeScript, JavaScript, CSS, HTML

- **Personal Budget Tracker | Link:** shivenpatro.github.io/budget-tracker/   **September 2024**
  Simple, sleek with proper animations and workflow.
  Built using: HTML, JSX, Tailwind CSS, Vite JS, CSS, Node.js, JSON

- **Breakout Arcade Game | Link:** github.com/shivenpatro/breakout   **March 2025**
  A classic Breakout arcade game.
  Built using: Python

ACADEMIC DETAILS

Degree / Examination	Institute	Year	CGPA / %age
BTech CSE Core	VIT-AP	2023-27	8.4/10 (first 2 sem)
Class 12 CHSE, Odisha Board	Saraswati Vidya Mandir	2020-22	83%
Class 10 ICSE Board	St. Vincent's Convent School	2008-20	95.8%

RELEVANT COURSEWORK

Core Subjects:

Database Management System	Artificial Intelligence	Introduction to Machine Learning
Object-Oriented Programming (Java)	Software Engineering	Data Structures and Algorithms
Applied Statistics	Digital Logic Design	Computer Organisation and Architecture

Certificates:

- Coursera Foundations: Data, Data Everywhere (Coursera Certificate)
- Udemy Complete 2024 Web Development Bootcamp (Udemy Course Completion Certificate)
- Career Essentials in Generative AI by Microsoft and LinkedIn (Microsoft Certificate of Completion)
- JPMorgan Software Engineering Job Simulation (JPMorgan Certificate)
- Introduction to Transformer-Based Natural Language Processing (Nvidia Transformer NLP Certificate)
- Accelerating End-to-End Data Science Workflows (Nvidia Data Science Workflow Certificate)

SKILLS AND EXPERTISE

- **Programming Languages:** Proficient: Java, Python, HTML5, JavaScript, SQL; Beginner: R Programming
- **Data Science & Machine Learning:** Python Libraries (e.g., NumPy, Pandas, Matplotlib, Scikit-learn), R (Beginner), Jupyter Notebook, Google Colab, Data Analysis, Data Visualization
- **Artificial Intelligence:** Google Colab, LLM APIs & Prompt Engineering
- **Web Development:** HTML5, CSS (Flexbox, Tailwind CSS), Bootstrap (Beginner), JavaScript, jQuery (Beginner), JSX, React.js, TypeScript, Express.js (Beginner), Node.js, Web3 (Beginner), APIs (Application Programming Interface)
- **Version Control & Collaboration Tools:** Git, GitHub
- **Document Preparation & Markup:** LaTeX

ACADEMIC ACHIEVEMENTS

- Swept though the first round of SIH (Smart India Hackathon) 2023 successfully
- Top 8 in Technova National Hackathon at Coimbatore Institute of Technology