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Python Full-Stack Developer with AI & NLP Skills

Versatile and results-driven full-stack developer with strong experience in Python, JavaScript, and AI tools like NLP and OCR. Skilled in building real-world, production-ready web applications using React, Node.js, Flask, and MongoDB. Proven ability to integrate AI functionality into modern UIs with clean, responsive design. Experienced in deploying full-stack projects using Vite, Netlify, and Render.

Technical Skills:

Languages: Python, JavaScript (ES6+), SQL

Frontend: React.js, Tailwind CSS, HTML5, CSS3, Bootstrap, Material UI

Backend: Node.js, Express.js, Flask, Fast API

Databases: MongoDB, PostgreSQL, Firebase

AI/ML Tools: NLP, BERT, LSTM, Pytesseract, Compromise.js, TensorFlow, PyTorch, OpenCV

Developer Tools: Git, GitHub, Postman, Vite, Render, Netlify, VS Code

Productivity: Microsoft 365 (Word, Excel, PowerPoint), Canva, Google Docs

Projects:

Advanced To-Do List App with Smart Suggestions ([ToDo App Live](#))

Tech Stack: React, Node.js, Express, MongoDB, Compromise.js, Netlify, Render

- Built a full-stack productivity app with smart task categorization using NLP.
- Features include dark mode, task prioritization, and mobile responsiveness.
- Integrated Compromise.js to auto-suggest categories based on input.
- Deployed frontend on Netlify and backend on Render.

Invoice Scanner + Payment Tracker ([Invoice-Tracker Live](#))

Tech Stack: React, Flask, MongoDB, pytesseract, SMTP, Netlify

- Created a React + Flask system to extract data from invoices using OCR and NLP.
- Parsed vendor name, amount, and due dates; scheduled email reminders.
- Features a visual calendar UI and auto-notification via SMTP.

Portfolio Website ([Portfolio Live](#))

Tech Stack: React, Tailwind CSS, Vite, React Router, Netlify

- Responsive multi-page personal portfolio with dark/light mode toggle.
- Showcases live projects, categorized skills, resume download, and contact page.

Professional Experience:**AI Intern — Parmy Technologies | 2021**

- Built an AI system using TensorFlow and Flask to reduce data processing time by 30%.
- Designed a React dashboard that improved data visualization efficiency by 40%.
- Refactored NLP models to achieve 92% classification accuracy.
- Automated pipelines and optimized real-time computer vision performance.

Education:

Master's in Computer Science
Wright State University, Dayton, Ohio, 2025

Bachelor's in Electrical & Electronics Engineering
Sri Indu College of Engineering & Technology, India, 2020

Certifications:

- IBM Skills Build: AI, Cybersecurity, Data Science, Cloud
- Microsoft Learn: Azure Fundamentals, AI Fundamentals, Cloud Fundamentals

Involvements:

- Fundraising & Community Support: Led donation drives for underprivileged children
- Tech Events & Hackathons: Participated in coding competitions, AI webinars, and research discussions
- Volunteering: Supported homeless assistance programs by distributing essentials