Saraswati Chandra

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Experience

Open Source Contributions   **Oct 2024 – Dec 2024**

- Contributed to **10+ open-source projects** under organizations like **GirlScript Summer of Code (GSSoC) and Hacktoberfest**, collaborating with developers.
- Resolved **50+ bugs, security vulnerabilities, and performance issues**, enhancing code efficiency and system reliability.
- Implemented **5+ new features** and improved **frontend performance by 25%** in React and Node.js applications, enhancing user experience.

Freelance | AI Model Training & Prompt Engineering   **Oct 2024 – present**

- Trained **AI models for NLP tasks**, evaluating and refining **1,000+ AI-generated responses** for **accuracy, coherence, and contextual relevance**.
- Reviewed and optimized **hundreds of user prompts**, improving **AI response quality by 40%** through better prompt engineering techniques.
- Identified and mitigated **20+ biases and inconsistencies**, contributing to a **more ethical and adaptive AI system**.

Projects

Online Code Compiler | Full-Stack Development   **Mar 2023 - May 2023**

- Developed a **web-based online compiler** allowing users to write, compile, and execute code in multiple programming languages.
- Designed a **secure execution environment** using **Node.js and Express**, optimizing for speed and resource management.
- Integrated **CodeMirror** for a feature-rich interactive editor with **real-time syntax highlighting, auto-completion, and error detection**.
- Github Repository Link:

Quick Crew | PHP, MySQL   **Nov 2024 - Dec 2024**

- Created an **on-demand service hiring platform** for professionals like **drivers, helpers, and caretakers**.
- Implemented a **real-time booking system with date-time slot selection**, ensuring seamless scheduling.
- Designed a **secure authentication system** and integrated **payment gateways** for a hassle-free transaction process.
- Github Repository Link:

SwayamRozgar | React.js, Tailwind CSS, Node.js, Socket.io, MongoDB   **Feb 2025 - Mar 2025**

- Designed and developed a **freelancing platform** that connects **clients and freelancers**, enabling seamless project collaboration.
- Built the **frontend using React.js and Tailwind CSS**, ensuring a **modern, responsive, and intuitive user experience**.
- Integrated **JWT-based authentication** for secure user login and role-based access control.
- Github Repository Link:

Skills

Markup and Styling: HTML, CSS, Bootstrap, Sass, TailwindCSS
Programming Languages: C, C++, Python, Java, JavaScript, TypeScript
Databases: MySQL, MongoDB, PostgreSQL
Frameworks and Libraries: Flask, Angular, Node.js, jQuery, React.js
Tools: Git, GitHub, VS Code, Linux, IntelliJ IDEA
Soft Skills: Problem Solving, Adaptability, Time Management, Collaboration

Certifications & Achievements

- Cloud Computing Certification from NPTEL
- Secured 85th rank among participants by collaborating on impactful features, fixing bugs, and enhancing documentation.

Education

Lovely Professional University Punjab   **2022 – 2026**

Computer Science and Engineering — CGPA: 7.5   Jalandhar, Punjab

Gyan Bharti Public School   **2019 – 2021**

12th with Science – Percentage 75%   Gaya, Bihar