Priyanshu Sahay

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SKILLS

- **Languages**:   C++, JavaScript, C, PHP
- **Frameworks**:   HTML and CSS, Bootstrap, NodeJS, React, Express.js
- **Tools/Platforms**:   MySQL, MongoDB, **Git, GitHub (Version Control)**, RESTful APIs
- **Generative AI**:   Prompt Engineering, LLMs (Large Language Models), RAG, API Calling, AI Agents
- **Soft Skills**:   Team Leadership, Cross-functional Collaboration, Agile Learning, Technical Writing, Code Review Participation

INTERNSHIP

NATROMAC TECHNOLOGIES — REMOTE   May 2025- July 2025
Full-Stack Intern
- Engineered and launched the company's official website using React.js, Node.js, and MongoDB.
- Created a responsive front-end framework with clean architecture and modern UI/UX.
- Implemented and consolidated a backend system to power the "Contact Me" feature and handle form submissions securely.
- Deployed the complete solution to a live hosting environment, ensuring performance and accessibility.

PROJECTS

Rent Wheels – Car Rental Platform: Aug 2024 -Dec 2024

- **Architected and built** a full-stack web application for real-time vehicle bookings, boosting operational efficiency by 30%.
- Implemented secure **payment gateway integration** using **Razorpay API** with a 99.9% transaction success rate.
- Spearheaded an **AI-based chatbot** to automate customer support, reducing manual queries by 40%.

Tech: HTML, CSS, JavaScript, Bootstrap, PHP, MySQL, Node.js (Razorpay), AI Chatbot (PHP)

Agri Buddy – AI-Based Plant Disease Detection System   May 2024 – June 2024

- **Created an AI-powered solution** that detects plant diseases via image uploads, delivering actionable insights to farmers.
- Integrated **ML models** to identify over **50 diseases** with **95% accuracy**, enabling timely agricultural decisions.
- Developed an intuitive landing page incorporating user feedback, leading to a 30% reduction in bounce rates and a significant increase in time spent on site, boosting overall customer retention.

Tech: Python, Machine Learning, AI, HTML, CSS, JavaScript

E-Waste Management System:

                                                                               January 2023 – April 2023
- **Crafted a responsive UI** and streamlined backend operations, cutting manual workload by 60%.
- Automated data workflows and revamped **interactive analytics dashboards**, improving reporting and decision-making efficiency by 25%.
- Improved a **mobile-responsive UI** and optimized backend processes, reducing manual efforts by 60%.

Tech: HTML, CSS, JavaScript, Bootstrap, PHP, MySQL

CERTIFICATES

- GFG Data Structure and Algorithms - Self-Paced (C++) by GFG   (June – July)
- Cloud Computing by NPTEL   (July – Sept)
- Generative AI by Coursera   (Sept-Nov)

ACHIEVEMENTS

- **Winner of Codex Fest 2.0 Hackathon**
  Secured 1st place in the Codefest 2.0 Hackathon, competing against top teams and delivering an innovative solution.

- **Top 5 Finalists in the Arena Hackathon**
  Ranked among the top 5 teams in the Hackathon by Arena, showcasing expertise in AI-driven solution design and technical implementation.

- **Code Chef Rating – 1140**
  Earned a **Code Chef rating of 1140**, showcasing proficiency in algorithms and data structures through competitive programming.

EDUCATION

- **Lovely Professional University,**   Punjab, India
  Bachelor of Technology - Computer Science and Engineering; CGPA: 6.8   *Since August 2022*

- **SGD Modern School,**   Jharkhand, India
  Intermediate percentage: 65%   *April 2020 - March 2022*

- **SGD Modern School,**   Jharkhand, India
  Matriculation percentage: 83%   *April 2018 - March 2020*