Bikram Mondal

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SUMMARY

Innovative and results-driven Full Stack Web Developer with expertise in HTML, CSS, JavaScript, React.js, Next.js, Nodejs, Python and databases. Adept at crafting responsive, high-performance web applications, integrating APIs, and delivering secure, scalable solutions. Recognized for open-source contributions and strong problem-solving skills. Driven to create impactful digital solutions and elevate user experiences.

EDUCATION

Bachelor of Technology in Computer Science Engineering(AIML)　　　　　　　　　　**2024-Present**
Heritage Institute of Technology **(MAKAUT)**　　　　　　　　　　　　　　　　　　　Kolkata, WB

Senior Secondary Examination
Oxford House H.S. School **(WB)**　　　　　　　　　　　　　　　　　　　　　　　**2022-2023**

Secondary Examination
Oxford House H.S School **(WB)**　　　　　　　　　　　　　　　　　　　　　　　**2020-2021**

EXPERIENCE

Digital Dominators IN　　　　　　　　　　　　　　　　　　　　　　　　　**2025 – Present**
- Core-organizer of this vibrant tech community to connect passionate developers with like-minded innovators.
- organizing events, workshops, hackathons, and community initiatives that empower tech enthusiasts and foster innovation.

Open Source Connect India　　　　　　　　　　　　　　　　　　　　　　　**2025 – Present**
- Contributor to OSCI, gaining hands-on experience and contributing to solving real-world problems.
- Worked on the Google Cloud Study Jam 2024.

AI Wallah　　　　　　　　　　　　　　　　　　　　　　　　**July 2025 – Aug 2025**
- Gen AI intern at AI Wallah to explore and build user-friendly, scalable and robust AI automation solution.
- Designed, developed, and deployed full-stack web applications with AI-powered features using Next.js, Reactjs and Threejs.

PROJECTS

Articuno.AI v1.0 - "Interact. Innovate. Inspire with AI" (Software)
Project: https://github.com/BikramMondal5/Articuno.AI　　　　　　　　　　　**July 2025**
- Advanced multi-modal AI platform integrating premium models like **GPT-40**, **DeepSeek**, **Gemini 2.0 Flash**, and **Mistral AI**.
- Default agent delivers **weather insights**, **web searches**, **email automation**, **reminders**, and more via conversational AI.
- Combines cutting-edge language models with **real-time data** and intelligent tools to provide **context-aware, actionable insights**.

MagicFill – "Your Forms, Filled by Magic" (Software)
Project: https://github.com/BikramMondal5/MagicFill　　　　　　　　　　　　**Aug 2025**
- AI-powered platform that auto-fills complex government and private forms, reducing errors and saving time.
- Secures documents in an **Aadhaar-authenticated digital vault** with auto-renewal alerts.
- Integrates with **CSCs**, **DigiLocker**, municipal portals, and NGOs to streamline access to schemes and service.

Project Trinoyon – "Contribute Code to the Society" (Software)　　　　**June, 2025 – Present**
Project: https://github.com/BikramMondal5/Project-Trinoyon

- Created a technology-powered platform to make Durga Puja inclusive, enabling donations, gamified ad revenue, and cultural content sharing to support underprivileged communities.
- Developed **community interaction tools and an impact dashboard** to foster participation and maintain transparency in contributions.
- Promoted **empathy, social impact** by combining entertainment, cultural celebration, charitable giving into 1 immersive platform.

KrishiMitra – "Let's grow together" (Software)

Project: https://github.com/BikramMondal5/KrishiMitra   **March 2025 – April 2025**

- Developed an **AI-driven agricultural platform** offering crop recommendations, disease prediction, and sustainable farming guidance to empower farmers.
- Integrated **real-time weather forecasting, market insights, and AI chatbot assistance** for informed and timely farming decisions.
- Aligned with **UN Sustainable Development Goals** to promote sustainable agriculture and improve rural livelihoods.

InvestorHunt - "Where Ideas Meet Investors" (Software)

Project: https://github.com/BikramMondal5/Investor-Hunter   **July 2025 – Present**

- Developed a **startup funding platform** that simplifies investor outreach through video pitch submissions, AI-powered pitch analysis, and multilingual support.
- Enabled **community feedback, investor matching, and direct communication tools** to connect founders with potential backers.
- Provided an **analytics dashboard** for tracking pitch performance and engagement, streamlining the funding process for entrepreneurs.

Dev Diaries – "Summarize Your Code. Reflect Your Progress" (Software)

Project: https://github.com/BikramMondal5/dev-diary   **July 2025**

- Built a **developer productivity platform** that documents coding activities, generates AI-powered summaries, and publishes journals across multiple platforms.
- Integrated **code snippet management, Git activity tracking, and interactive dashboards** to help developers track progress and decisions.
- Enabled **multi-platform publishing** to Notion, GitHub Gists, and Telegram, streamlining knowledge sharing and project documentation.

GestureSense.AI – "Control your home appliances with gestures, expressions, and voice — instantly"

Project: https://github.com/BikramMondal5/GestureSense-AI   **June 2025 – Present**

- Developed a **real-time AI-powered web application** for hand gesture detection, facial emotion recognition, and speech command processing directly in the browser.
- Implemented **webcam-based live detection, integrated hardware** and photo upload analysis while ensuring **100% client-side processing** for privacy.
- Enables seamless **control of home appliances** through intuitive hand gestures, facial expressions, and voice commands.

SKILLS

Programming Languages: Python, C, TypeScript

Libraries: Pandas, NumPy, Matplotlib, Scikit-Learn.

Backend: Flask, Node.js, Express.js, MongoDB, Supabase

Frontend: HTML, CSS, JS, Next.js, React.js, Three.js

Tools & Technologies: Git, GitHub, Docker, Postman, VS Code, Anaconda, Linux, OpenCV

Leadership Skills: Team Management, Strategic Planning, Effective Communication, Problem-Solving, Accountability and Responsibility

Languages: Fluent Proficiency in reading and writing English, Bengali and Hindi

ACHIEVEMENTS & CERTIFICATES ↗

- **Winner** of the *Pieces for Developers* project challenge 2025.
- **Finalist** in *Edu-chain Virtual Hackathon*, Semester 2.
- **Finalist** in the **national-level hackathon** *Code for Bharat Season 2* conducted by Microsoft, India
- **Finalist** in the **state-level hackathon** *SBH'25*, ranking among the top 20 teams.
- **Oracle Cloud Infrastructure Generative AI** Professional Certificate.
- Udemy **JavaScript Master Cours**e From Beginner to Expert Developers.
- Udemy **Complete Python Course** From Zero to Mastery.
- Udemy **Hands-On R Programming**: Build Real World Data Projects.
- **NVIDIA Course On Generative AI** with Diffusion Models!