

CONSOLIDATED PORTFOLIO DATA REPORT

BASIC IDENTITY

- **Full Name:** Souradip (Sobi) Biswas
 - **Handle / Alias:** sobiswriter
 - **Primary Domain:** AI / ML Systems, Applied AI, Creative Tooling
 - **Current Status:** College student, independent developer, researcher-oriented
 - **Online Presence:**
 - GitHub: <https://github.com/sobiswriter>
 - LinkedIn: <https://www.linkedin.com/in/sobiswriter/>
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PROFESSIONAL OVERVIEW (AGGREGATED)

- AI-focused developer and researcher building applied systems rather than toy demos
 - Strong interest in **document intelligence, generative AI, NLP, and persona-based systems**
 - Combines **AI + interfaces + tooling** into complete end-to-end products
 - Comfortable with experimentation, iteration, and rebuilding systems from scratch
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TECHNICAL SKILLS (OBSERVED)

Programming Languages

- Python
- TypeScript
- JavaScript
- PowerShell
- Java (working familiarity)

AI / Machine Learning

- Natural Language Processing (NLP)
- Generative AI systems
- Document analysis and intelligence
- Transformer-based models (applied usage)
- AI-assisted rewriting and analysis pipelines

Application Development

- Desktop application development (Electron, Tkinter)
- Web application development (Node.js, Next.js)
- UI/UX logic for AI-driven tools
- API-driven application architectures

Systems & Tooling

- Modular AI system design
 - Automation pipelines
 - CLI and PowerShell utilities
 - Integration with third-party services and APIs
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MAJOR PROJECTS (FROM GITHUB)

LegalLM

- **Type:** AI Application
 - **Focus:** Legal document intelligence
 - **Description:** AI-driven platform for uploading, parsing, and analyzing legal documents using NLP-based approaches.
 - **Tech Stack:** TypeScript, AI/NLP stack
 - **Status:** Featured flagship project
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Project AIC

- **Type:** AI Bot / System
 - **Description:** Python-based intelligent bot system exploring behavior, interaction, and decision logic.
 - **Tech Stack:** Python
 - **Status:** Core long-term personal project
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The Shadow Diary

- **Type:** AI-powered journaling application
 - **Description:** Journaling platform that uses AI to rewrite and reinterpret entries, inspired by psychological and Jungian themes.
 - **Tech Stack:** TypeScript
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PersonaVerse

- **Type:** Desktop AI Application
 - **Description:** Persona creation and interaction playground enabling users to build and converse with AI-driven personalities.
 - **Tech Stack:** Node.js, Electron
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AI Overlay

- **Type:** Desktop Utility
 - **Description:** Lightweight AI overlay tool designed for productivity and real-time assistance.
 - **Tech Stack:** Python, Tkinter
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Inviter

- **Type:** Web Application
 - **Description:** Invitation management system integrating messaging and email services for automated communication workflows.
 - **Tech Stack:** Node.js, Next.js, Twilio, SMTP APIs
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Business Venture App

- **Type:** Desktop Application
 - **Description:** Business-focused application supporting financial tracking, reporting, and internal workflows.
 - **Tech Stack:** Node.js, Electron
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Cosmos Anomaly

- **Type:** Experimental System
 - **Description:** Narrative-driven and system-oriented project exploring timeline manipulation and anomaly-based logic.
 - **Tech Stack:** TypeScript
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Timeline Twist (V2)

- **Type:** Iterative System
 - **Description:** Second iteration of a timeline-based project, emphasizing refactoring and architectural improvement.
 - **Tech Stack:** TypeScript
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PowerShell Utility Suite

- **Type:** Automation Tool Collection
 - **Description:** Collection of PowerShell modules including web scraping, scheduling, stopwatch utilities, image editing, and automation tools.
 - **Tech Stack:** PowerShell
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COLLABORATIONS & PROGRAMS

India Accelerator – OpenXAI 2025

- Collaborative project under Blockseblock Labs
 - Participation in accelerator-style development environment
 - Focus on scalable and collaborative AI system development
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ACHIEVEMENTS & RECOGNITION

- **Patent Publication (IPR):** Published a patent under the Intellectual Property Rights (IPR) framework, demonstrating original technical innovation and applied research.
 - **Tech Fest – IIT Ropar:** Achieved recognition for technical performance and innovation at IIT Ropar Tech Fest events.
 - **Hackathons & Ideathons:** Winner and participant in multiple hackathons and ideathons, involving rapid prototyping, problem-solving, and solution presentation.
 - **Conference Participation:**
 - Attended ODDO Meet, Gandhinagar
 - Attended IMC Conference, Delhi
 - **HackerRank Achievements:**
 - 5★ in Problem Solving
 - 5★ in Python
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PUBLIC PRESENCE & SIGNALS

- Active GitHub profile with multiple featured projects
 - Accumulated GitHub stars across repositories
 - Technical posts and engagement on LinkedIn related to AI systems, interfaces, and development practices
 - Consistent focus on building, sharing, and iterating on real systems
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CORE THEMES ACROSS WORK

- AI as a system, not a demo
- Persona, identity, and behavior modeling

- Applied NLP and document intelligence
- Tooling designed for real workflows
- Iterative rebuilding and architectural refinement