

Bishwajit Garai

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| GitHub | LinkedIn |

PROFESSIONAL SUMMARY

Results-driven **Software Developer** with **3+ years of experience** in **Python, Django, Flask and FastAPI**, delivering high-performance applications and scalable solutions. Proficient in multiple frameworks, with expertise in **system optimization**, **Generative AI**, **API integration**, **third-party APIs**, **microservices** to enhance efficiency and reliability.

Technical Skills

Python, Django, Flask, FastAPI, AI, React, JavaScript, Web Development, OOP, Pandas, NumPy, ORM, SQL, MySQL, SQLite, NoSQL, Redis, Docker, Git, Nginx, AWS, Automation, Unit Testing, WebSockets, GraphQL etc.

Experience

Endpoint It Services Pvt Ltd | Software Developer

Mumbai | Oct 2024 – Current

Currently leading the development of **MeetMemo**, an AI-powered meeting assistant built with **FastAPI**, **Redis**, and **MySQL** for efficient asynchronous processing and data storage.

Building fully autonomous, headless browser automation using **undetected-chromedriver** for real-time meeting capture. Integrating **LLM-powered transcription**, **summarization**, and **analysis pipelines** to deliver accurate, actionable post-meeting insights.

Adansa Solutions Pvt Ltd | Software Developer

Kolkata | June 2022 - May 2024

Led the development of **Flask-based web applications**, implementing robust backend systems. Utilized **Pandas**, **Numpy** for efficient ETL processes, ensuring **smooth data transformation and integration**.

Collaborated with cross-functional teams to **optimize system performance**, **improve data workflows**, and deliver solutions that enhanced overall project efficiency.

Aiinhom Technology Pvt Ltd | Junior Software Developer

Kolkata | Sep 2021 - Feb 2022

Developed a **Django**-based for reading and uploading multiple Excel file formats into a database for validation. Followed clean coding patterns and best practices to improve maintainability. **Enhanced software reliability by 40%** and reduced **detected bugs by 60%**, ensuring **smoother data processing** and streamlined workflows.

Projects

MeetMemo | Endpoint It Services Pvt Ltd

Python, FastAPI, Generative AI

- Designed and developed a FastAPI-based backend with autonomous **browser automation** for seamless meeting capture, transcription, and summarization.
- Implemented **Redis for asynchronous task queuing**, **reducing processing latency** and enabling **real-time performance** at scale.
- Leveraged Gemini to achieve **95%+ transcription accuracy** in complex, multi-speaker environments; integrated **LLMs** for summarization, sentiment analysis, and insight generation.
- Built a scalable architecture with MySQL-backed persistence and **intelligent automation**, delivering fast, reliable post-meeting insights for **concurrent user sessions**.

Simplified Excel Upload | Adansa Solutions Pvt Ltd

Python, Pandas, Flask, Calamine

- Developed an Excel upload feature for an accounting software system, capable of **handling large Excel files** with extensive customer data.
- Optimized the **upload pipeline to ensure seamless processing** and **validation of massive** customer datasets.
- Implemented performance improvements to manage high volumes of data efficiently, **reducing processing time by 40%**.
- Enhanced the system's ability to handle **complex data structures**, ensuring **scalability** and **maintainability**.

Saferisk | Adansa Solutions Pvt Ltd

Flask, Pandas, Mysql, Jinja

- Created a user-friendly **executable interface** to streamline processing for end-users.
- Developed a tool to **calculate commissions** for insurance providers and agents.

Other Projects: TallyTool (Data Extraction tool), Misreport(automated reporting tool), Tally Migration Tool and Payroll Management System, Postworld, Fixed Asset Depreciation etc.

Education

Mallabhum Institute of Technology, Bankura, WB

Btech | Computer Science and Engineering

CGPA: 83.7

WB, India

June 2020 - July 2023

Raja Ranjit Kishore Govt Polytechnic, Jhargram, WB

Diploma of Higher Education | Computer Science

CGPA: 77.6

WB, India

June 2017 - June 2020