

# Jayed Bin Jahangir

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[LinkedIn](#) | [Portfolio](#)

## PROFESSIONAL SUMMARY

Backend Software Engineer with 2 years of experience specializing in ML and LLM applications. Skilled in Python, FastAPI and Django, with a focus on building scalable APIs and integrating machine learning models into production systems. Passionate about creating efficient, AI-driven backend solutions that solve real-world problems.

## EXPERIENCE

### Software Engineer - L1

July 2024 – Present

Myalice, Dhaka.

- Developed and maintained backend APIs using FastAPI and Python, supporting key features for web applications.
- Integrated machine learning and LLM models into backend systems for real-time inference and data processing.
- Collaborated with cross-functional teams to design scalable backend architectures and improve system reliability.
- Wrote clean, modular, and testable code, contributing to faster development cycles and easier code reviews.
- Utilized Git, Docker, and CI/CD pipelines to streamline deployment processes and maintain code quality across environments.
- Built a full-stack personal project AI-based finance app with LLM model integration, take a look at - [Expense Buddy AI](#).
- Built a full-stack AI Agent builder app with smart ticketing system, take a look at - [GoAgents](#) (WIP)

### Software Analyst (Remote)

January 2024 – June 2024

Constant Concept Inc, Canada.

- Analyzed software requirements and collaborated with developers to translate business needs into technical specifications.
- Conducted end-to-end testing of software features, ensuring alignment with functional and performance expectations.
- Assisted in debugging and triaging issues across web and mobile platforms, contributing to faster resolution times.
- Worked closely with QA and development teams to validate features, improving delivery accuracy and reducing rework.
- Created technical documentation, user stories, and flow diagrams to support smooth communication across teams.
- Monitored software performance metrics and usage data to provide insights for continuous improvement and feature planning.

## Software Engineer (Intern)

September 2023 – December 2023

TactSoft, Dhaka.

- Assisted in developing backend features using Python and FastAPI, contributing to real-world project.
- Created unit tests to ensure code quality and catch regressions early in the development cycle.
- Participated in code reviews and programming sessions to learn best practices and improve code quality.
- Gained hands-on experience with version control (Git), REST APIs, and Agile workflows.
- Documented technical processes and project learnings to aid knowledge sharing within the team.

## SKILLS

Python | FastAPI | Django | Backend Development | ReactJS | NextJS | SQL | Git | Docker | Microservices | Distributive System | Redis | Celery | CI/CD | Linux | Agile | Scrum | GitHub Actions | AWS | GCP | ML Model Integration | LLMs | N8N | Workflow Automation | Prompt Engineering | Gemini | OpenAI | Data Processing | Data Science | Software Architecture | Technical Documentation

## EDUCATION

### BSc in Computer Science and Engineering

Graduated March 2023

Stamford University Bangladesh

- Conducted research in **AI/ML**, focusing on enhancing computer vision models for images.
- Developed a final-year project on **IoT**-based smart home automation, integrating AI for enhanced user experience and energy efficiency.
- Participated in coding competitions and festivals as an organizer as well as a participant.

## CERTIFICATIONS

### Automation QA, a1qa

January 2024

- Acquired in-depth knowledge of automation frameworks like **Selenium**, TestNG, and Frameworks.
- Gained hands-on experience in integrating **CI/CD** pipelines with automated testing tools.

### Prompt Design in Vertex AI, Google Cloud

May 2024

- Mastered the art of designing and optimizing prompts for **AI** models in Vertex AI.
- Gained experience in using Google Cloud's AI tools to build scalable machine learning models.
- Implemented prompt-based AI solutions, improving the efficiency of AI-driven applications.

### Artificial Intelligence, EDGE, IIT

August 2023

- Explored advanced AI concepts, including neural networks, **NLP/LLM**, and data science.
- Worked on real-world projects, applying machine learning algorithms to solve practical problems.