

SYED FARHAN AHMED

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LinkedIn — Portfolio — GitHub

Summary

B.Tech Artificial Intelligence Machine Learning undergraduate with hands-on experience developing and debugging full-stack web applications using Python, Django, JavaScript, REST APIs, databases, WebSockets, and Redis. Experienced in building authentication workflows, role-based systems, real-time applications, and AI-powered software through end-to-end projects. Strong foundation in Data Structures and Algorithms, Object-Oriented Programming, DBMS, Operating Systems, Computer Networks, and software development. Interested in applying strong programming and problem-solving skills to software quality assurance and testing.

Education

Atria Institute of Technology

Bachelor of Technology (B.Tech), Artificial Intelligence and Machine Learning
CGPA: 8.45 / 10.0

Bengaluru, India

Expected Graduation: 2027

Technical Skills

Programming Languages: Python, Java, JavaScript, HTML, CSS

Frameworks: Django, Streamlit

Libraries: Numpy, Pandas, OpenCV

Databases: MySQL, SQLite, PostgreSQL

Tools: Git, GitHub, VS Code, PyCharm

Concepts: OOP, DSA, Operating Systems, Computer Networks, REST APIs

Projects

Career Catalyst – AI-Powered Career Guidance Platform | [GitHub](#) | [Live Demo](#)

Python, Django, JavaScript, HTML, CSS, SQLite, OpenCV

- Developed a full-stack web platform for engineering students with career planning, interview preparation, placement readiness, and personalized recommendations.
- Implemented user authentication, role-based access, dashboards, and application workflows using Django.
- Built and integrated an AI-based recommendation system for personalized career guidance.
- Developed an AI assessment module using computer vision for face monitoring and assessment workflows.
- Debugged issues across frontend, backend, database, and application logic while integrating different components.

Politaria - World Political Database | [GitHub](#)

Python, Django-Development

- Developed a Django-based world political database featuring country profiles, government systems, political parties, leaders, elections, and historical information.
- Built dynamic political party and leader records with image/media uploads through the Django admin interface.
- Implemented search and continent-based filtering to enable efficient discovery of country profiles.
- Designed a responsive, editorial-style user interface for presenting structured political information.

Django Chat API – REST & GraphQL | [GitHub](#)

Python, Django REST Framework, GraphQL

- Developed a backend chat service supporting both REST API and GraphQL interfaces.
- Implemented API-based communication and backend logic for chat-related operations.
- Worked with request/response handling, data processing, and database-backed application functionality.
- Debugged backend issues while integrating API endpoints with application logic.

Interactive Trivia Game | [GitHub](#) | [Live Demo](#)

Python, Streamlit, REST APIs

- Developed an interactive trivia game featuring dynamic question flow and real-time score tracking.
- Designed a clean, responsive Streamlit user interface to provide an intuitive player experience.
- Handled state management across game rounds to persist user scores and track session progress.

Relevant Coursework

Data Structures Algorithms, Artificial Intelligence, Machine Learning, DBMS, Operating Systems, Computer Networks, Software Engineering

Strengths

- Quick to learn and apply new technologies and APIs independently.
- Effective communication and collaboration in team-based project work.
- Strong attention to UX and code quality, evidenced by consistent focus on clean architecture across projects.

Achievements

- Solved **100+** Data Structures and Algorithms problems across coding platforms.
- Built and deployed 5+ end-to-end AI, computer vision, and full-stack web applications using Python and Django.
- Maintained a CGPA of **8.45/10** while actively developing practical software engineering projects.