


ALEENA AZAM


BACKEND DEVELOPER

 [LinkDin - Aleena Azam](#)

CONTACT

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 Hyderabad, Sindh, Pakistan

EDUCATION

- **BS in Computer Science**

University of Sindh Jamshoro,
Pakistan

(Expected) Graduation Year: 2025

AWARDS & CERTIFICATIONS

- Python Essentials
- Introduction to Modern AI
- Data Analytics Essentials
- Data Analyst
- Graphic Designing
- Content Writing
- Social Media Marketing
- Data Manipulation with Pandas

TECHNICAL SKILLS

- Programming Languages: Python (Flask, Django), JavaScript, Dart, Java (Android), C,
- Frontend Development: HTML5, CSS, Bootstrap, AJAX
- Backend & Databases: MySQL, Oracle, SQL
- Data Science & Analysis: Pandas, NumPy, Seaborn, matplotlib, Jupyter
- Networking: Cisco Routers, Packet Tracer
- Software Engineering: OOP, Agile, Scrum, SDLC, Software Architecture
- Design & UI/UX: Adobe Photoshop, Canva, UX/UI Design
- Embedded Systems & IoT: Embedded C, IoT Applications

PROFILE

Motivated Computer Science final year student with hands-on experience in Python, Django, Machine Learning, and full-stack web development. Currently working on a Final Year Project titled "Skin Diseases Recognition and Diagnosis System (FYP 2025)", which uses a large medical dataset and ML models for disease detection. Proficient in building secure, data-driven applications using Django, Flask, MySQL, HTML, CSS, JavaScript, and Bootstrap. Skilled in backend integration, API handling, model training, and web deployment. Passionate about solving real-world problems through clean, efficient code and scalable solutions. Final-year BS Computer Science student at the University of Sindh Jamshoro, seeking opportunities to contribute to impactful, innovation-driven development teams.

WORK EXPERIENCE

PROJECT MANAGMENT COORDINATOR – CAPSTONE PROJECT 2025

INSTITUTE OF MATHEMATICS AND COMPUTER SCIENCE

May 2025 - present

- Managed project timelines, milestones, and deliverables for multiple final-year teams to ensure timely completion.
- Coordinated communication between students, faculty, and industry mentors to maintain alignment on project goals.
- Organized and led regular progress meetings, tracked action items, and followed up on project tasks.
- Assisted in risk assessment, resource planning, and resolving project-related challenges.
- Contributed to the successful execution of seminars and industry engagement events by handling logistics and stakeholder coordination.

PROJECT HEAD - NEXT-WORD PREDICTION (ACADEMIC PROJECT)

INSTITUTE OF MATHEMATICS AND COMPUTER SCIENCE

Oct 2024 - Dec 2024

- Led the design and development of a predictive text model using Natural Language Processing (NLP) techniques and Python.
- Coordinated team efforts in data preprocessing, tokenization, and model training using deep learning frameworks.
- Evaluated model performance using accuracy metrics and optimized it for real-time word prediction.
- Presented project findings with visualizations and technical documentation to faculty for academic assessment.

TECHNICAL TOOLS & PLATFORMS

- Visual Studio Code, IntelliJ, Android Studio
- Google Cloud
- Git, GitHub, GitLab
- MySQL Workbench, Oracle SQL Developer, phpMyAdmin
- Seaborn, Pandas, Jupyter
- Power BI, Tableau, Google Analytics

PROJECT HEAD - DATA SCIENCE PROJECT

INSTITUTE OF MATHEMATICS AND COMPUTER SCIENCE

Mar 2024- June 2024

- Directed a data-driven environmental analysis project, focusing on studying the impact of pollution on local ecosystems.
- Collected, cleaned, and analyzed environmental data using Python and Pandas, ensuring data integrity and accuracy.
- Utilized Tableau for data visualization, presenting key insights and trends to support pollution mitigation strategies.
- Collaborated with cross-functional teams to define project objectives, manage resources, and ensure alignment with research goals.

ENTREPRENEUR, DIGITAL MARKETING

Blockchain Technology

June 2022 - Sept 2022

- Developed and executed digital marketing strategies to increase website traffic and expand social media reach for , a blockchain-based platform.
- Leveraged SEO, content marketing, and paid ads to drive user engagement and lead generation.
- Analyzed digital marketing campaigns using Google Analytics and adjusted strategies based on performance metrics.
- Educated and onboarded users into the blockchain ecosystem, increasing awareness and adoption of blockchain technology.

SOCIAL MEDIA MANAGER

Online Community Building

Aug 2022 - Jan 2023

- Managed and executed social media campaigns, enhancing brand presence and engagement across multiple platforms.
- Coordinated the content calendar, overseeing timely posts, updates, and community interactions.
- Analyzed social media performance metrics to assess the effectiveness of campaigns and adjust strategies accordingly.
- Led a team to ensure consistency in messaging, tone, and visuals, aligning with overall marketing goals and brand identity.