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Top Skills

Business Development
Data Science
Recommender Systems

Certifications

Project Execution: Running the
Project
Project Planning: Putting It All
Together
Fundamentals of Waterfall Project
Management
Learning PHP8 by Joe Casabona
Blockchain Basics

Publications

Collection of Autonomous System
Level Topology using Looking Glass
Servers

Rana Faraz Ahmed

VP of Engineering & CTO @ Electus | Leading AI-Driven Solutions in
EdTech / FinTech Industry | Empowering Future Leaders
Bahawalpur, Punjab, Pakistan

Summary

At Electus, my leadership in engineering and technical strategy
has been pivotal in developing Life Hub, an innovative platform
combining fintech and educational technology to empower the next
generation. With a focus on AI and machine learning, my role as
Vice President of Engineering and Chief Technical Officer allows
me to drive forward-thinking solutions that personalize the learning
experience. Our work is transforming how young people engage with
financial literacy, entrepreneurship, and career readiness.

My recent endeavors include enhancing system reliability through
automation and architecture optimizations as an Edu-Jobs &
DevOps Consultant at The Islamia University of Bahawalpur. In
parallel, as a Co-Founder of Dexterous Developers, I apply the
same dedication to mentoring teams and spearheading projects
that heighten operational efficiency. These experiences have honed
my competencies in AI/ML personalization, tech strategy, and
innovation, enabling me to contribute to Electus's mission of shaping
future leaders in the digital age.

Experience

Electus Global Education Co, Inc.
11 months

Chief Technical Officer, Vice President of Engineering & AI/ML Architect
February 2025 - Present (5 months)
Florida, United States

AI-Driven Innovation | EdTech & FinTech | Life Hub Infiniti AI
As VP of Engineering, CTO & AI/ML Architect at Electus, I lead the
development of Life Hub, an Earn & Learn platform transforming education
through AI-driven personalization, fintech integration, and real-world earning.

Building Life Hub Infiniti AI – a game-changing adaptive AI ecosystem that personalizes learning, optimizes career pathways, and bridges education with financial empowerment.

Key Focus Areas:
✔ AI/ML & Personalization – Creating AI-driven models that match student skills and career goals.
✔ Tech Strategy & Scalability – Leading engineering teams to build secure, high-performance platforms.
✔ Edu-Jobs & Rewards – Developing AI-powered micro-tasking, enabling kids to earn real money while learning.
✔ Cloud & Cybersecurity – Ensuring high-availability infrastructure & compliance (FERPA, COPPA, GDPR).
✔ Blockchain & Digital Credentials – Creating verifiable badges & micro-certifications.
Core Achievements:

Built an AI-powered financial literacy & career readiness platform with gamification.
Architected corporate-sponsored learning programs & micro-internships.
Developed automated career mapping tools for students entering high-growth fields.

Tech Stack:
AI/ML: NLP, Deep Learning, Recommender Systems, RAG Based Chatbots
Cloud: AWS, GCP, Kubernetes, Serverless
Web & Mobile: Flutter, React, Python, Angular, PHP
Security & Compliance: Data Privacy, Encryption, COPPA

Passionate about leveraging AI, fintech & education to empower the next generation. Let's connect!

Product Owner & AI/ML Architect
August 2024 - January 2025 (6 months)
Florida, United States

• Managed ongoing IT projects as Product Owner, responsible for defining and prioritizing the product backlog, ensuring the development team delivers maximum value.

• Acted as a bridge between stakeholders and the development team, setting the vision, gathering requirements, and making key decisions to align the product with business goals.
• Spearheaded AI/ML architecture for Electus Global Education Co, Inc., enhancing AI-enabled applications.
• Collaborated with cross-functional teams to drive innovation and streamline development processes.

The Islamia University of Bahawalpur
5 years 1 month

DevOps Consultant
January 2025 - Present (6 months)
Rahimyar Khan, Punjab, Pakistan

• Monitored the private cloud of The Islamia University of Bahawalpur, suggesting architecture changes for optimal performance.
• Implemented automation tools to streamline deployment processes and enhance system reliability.
• Collaborated with cross-functional teams to troubleshoot and resolve technical issues efficiently.

Senior Project Manager
December 2021 - January 2025 (3 years 2 months)
Bahawalpur, Punjab, Pakistan

*Effectively managed HR, network, software, and cloud infrastructure to facilitate around 100k daily active users and 5 distributed sub-campuses.
*Supervised a team of 50+ back-end developers, front-end developers, testers, and IT support staff.
*Trained 1000+ end-users in different departments.
*Oversaw technical development and IT projects in a manner which fit with the overall company plans and goals.

Key Achievements:

*Managed 50M PKR deployment of CMS at 15% less cost than budgeted and 2 weeks ahead of schedule.
*Delivered budget management program to manage 12 Billion PKR organization's budget.

Additional Director BPS - 19
March 2024 - September 2024 (7 months)
Bahawalpur District, Punjab, Pakistan

• Collaborated with the Director to establish and expand a franchise network of schools and colleges for The Islamia University of Bahawalpur.
• Led initiatives to enhance educational opportunities and access in the Bahawalpur District, Punjab, Pakistan.
• Implemented strategic plans to promote academic excellence and community engagement within the franchise network.

Deputy Director BPS - 18
December 2022 - March 2024 (1 year 4 months)
Bahawalpur, Punjab, Pakistan

• Oversaw all IT, procurement, and administrative matters as Deputy Director at Islamia University School System, reporting directly to the Director.
• Implemented strategic initiatives to streamline operations and enhance efficiency.
• Led cross-functional teams to successfully execute projects and achieve organizational goals.

Programmer BPS - 17
June 2020 - November 2021 (1 year 6 months)
Bahawalpur, Punjab, Pakistan

• Led development of custom applications in PHP and Javascript technologies.
• Developed ERP solution for The Islamia University of Bahawalpur.
• Deployed idempiere ERP solution to automate procurement processes.

Al-Wakeel Institute
Brand Ambassador
March 2024 - Present (1 year 4 months)
Rahimyar Khan, Punjab, Pakistan

• Mentored and directed a team of business developers at Al-Wakeel Institute to generate business and enhance institute's prestige.
• Represented the institute as a Brand Ambassador, showcasing its values and mission to external stakeholders.
• Successfully brought in new business opportunities and partnerships, contributing to the growth and reputation of the institute.

Hello World Technologies
Project Manager - SPITE
October 2023 - November 2023 (2 months)
Rahimyar Khan, Punjab, Pakistan

• Led the planning and execution of the largest IT expo in south Punjab sponsored by Hello World Technologies.

• Managed project timelines, budgets, and resources to ensure successful event delivery.
• Collaborated with cross-functional teams to coordinate logistics and marketing efforts for the expo.

Dexterous Developers
Project Manager
January 2017 - January 2020 (3 years 1 month)
Rahim Yar Khan

• Led cross-functional teams of software engineers, marketers, and business analysts to ensure successful project execution.
• Managed end-to-end project lifecycle, from requirements gathering to delivery, utilizing project management tools like Asana and Jira.
• Identified and mitigated risks promptly, resulting in minimized project disruptions and strengthened client relationships.

Aerezona Developers
Software Engineer
January 2015 - April 2017 (2 years 4 months)
Lahore, Punjab, Pakistan

*Developed and deployed web applications using PHP and JavaScript Frameworks.
*Successfully delivered high-quality software solutions for international clients, meeting their specific requirements and ensuring customer satisfaction.
*Participated in the full software development lifecycle, from gathering client specifications to coding, testing, and deployment.
*Contributed to code reviews and implemented best practices to ensure code quality, maintainability, and scalability.
*Worked in an agile development environment, collaborating with cross-functional teams to prioritize tasks and deliver projects on time.

Key Achievements:

*Successfully led the development and launch of a complex LMS for high-profile international and local clients, resulting in a 40% increase in online sales.
*Implemented efficient coding practices and introduced automated testing processes, reducing the number of software defects by 30% and significantly improving overall product quality.

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Education

The Islamia University of Bahawalpur

Doctor of Philosophy - PhD, Information Technology · (January 2021 - December 2024)

National College Of Business Administration & Economics

Master of Philosophy - MPhil, Computer Science · (2017 - 2019)

The Islamia University of Bahawalpur

Bachelor of Laws - LLB · (September 2015 - September 2017)

University of South Asia

Bachelor of Science - BS, Computer Science · (September 2011 - September 2015)

Superior College

ICS, Computer Science · (September 2009 - September 2011)