

JAHANGIR BABAR

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EDUCATION

Northeastern University | GPA: 4.0

Master of Science in Engineering Management

Relevant Courses: Digital Product Design and Management, Data Analytics, Project Management

Boston, MA

Expected May 2026

National University of Sciences and Technology | 6x Deans Honor List

Bachelor of Science in Computer Science

Relevant Courses: Artificial Intelligence, Deep Learning, Human Computer Interaction, Data Structures

Islamabad, Pakistan

June 2023

WORK EXPERIENCE

Product Manager — Devsinc | Islamabad, Pakistan

Oct 2023 – Aug 2024

- Established product OKRs to align engineering efforts with business needs, ensuring 90% roadmap completion per quarter
- Conducted market analysis & competitive analysis to identify gaps in FX hedging, driving innovative feature development
- Defined KPIs to track product performance, achieving a 20% increase in user satisfaction and retention rates
- Prioritized features like predictive analytics, ensuring seamless integration with existing financial systems and workflows
- Managed product lifecycle from inception through growth, launching 2 features that improved customer retention by 15%

Software Engineer — Devsinc | Islamabad, Pakistan

May 2023 – Oct 2023

- Designed scalable microservices using .NET Core and C#, improving system modularity and backend maintainability
- Developed backend APIs in Python for FX risk simulations, enabling real-time data processing and actionable insights
- Optimized SQL queries, reducing execution time by 45% through indexing, query optimization, and database partitioning
- Integrated RabbitMQ for asynchronous communication between microservices, enhancing system reliability & scalability
- Migrated backend services to Docker containers, streamlining deployments and improving system efficiency and uptime

Product Owner Intern — Bitnine | Vancouver, BC

Dec 2022 – May 2023

- Led agile ceremonies for developing AgensSQL, a graph database management system, improving sprint velocity by 30%
- Defined acceptance criteria and user stories for AgensSQL features, ensuring 90% of releases met the definition of done
- Improved feature adoption by 25% by redesigning pgAdmin components for AgensSQL, enhancing user experience

Product Development Intern — Machine Vision Lab | Islamabad, Pakistan

Sep 2022 – May 2023

- Developed and managed end-to-end product lifecycle for [AquaSafe](#), gathering and documenting business requirements to enhance real-time water quality monitoring, aligning with UN SDG 6: Clean water & Sanitation
- Conducted user acceptance testing (UAT) and developed product documentation to be consumed by application users
- Increased data collection frequency from 4 times per year to 288 times daily, enabling instant contamination detection and proactive intervention by eliminating manual quarterly testing

PROJECTS

Airbnb for Elderly — Product Manager | 3 week Hackathon, Northeastern University | [link](#)

November 2024

- Conducted market research and competitive analysis to discover key accessibility gaps, identifying 4 improvement areas
- Achieved 90% alignment with user needs by prioritizing 4 core innovative features using the MoSCoW method
- Determined 3 key success metrics by tracking adoption and conversion, projecting a 20% senior bookings boost
- Developed a 4-phase product roadmap for 3 accessibility features, improving Airbnb's inclusivity for 11.25M users

Bridge to Calculus — Project Manager | Service Learning, Northeastern University — [link](#)

Sep 2024 – Dec 2024

- Led a 10-member team, ensuring 100% on-time completion by prioritizing tasks and tracking progress via Trello
- Drove cross-functional alignment by developing a project charter detailing scope, 5 milestones, and 4 delivery units
- Increased event participation by 30% by designing 3 flyers and managing 2 registration forms to support math programs

LEADERSHIP

Creative and Design Head | NU ASEM Club, Northeastern University

Sep 2024 – Present

- Designed 7 posters, flyers, and social media graphics for club events and initiatives, increasing event attendance by 24%
- Developed a social media strategy that increased club followers by 30% and boosted engagement by 25% in 3 months

Media President | Orientation of NUST, Islamabad, Pakistan

June 2022 – Oct 2022

- Led a 50+ member media team for a 5-day event covering video, photo, graphics and social media increasing event documentation by 40% and social media engagement by 25%.

SKILLS

Tech: C#, SQL, R, JavaScript, Python, Java, .NET, React, Node.js, VBA, AWS, HTML, Tableau, TypeScript

Tools: Jira, Figma, Trello, Excel VBA, Confluence, Slack, Visual Studio, Adobe Premiere Pro, Adobe XD

Product Management: Agile Methods, Market Research, Feature Prioritization, User Story Mapping, Product Strategy, Roadmapping, Project Planning, Beta Testing, Customer Analysis, Empathy Mapping, Prototyping, Iterative Design