Muhammad Shehryar Ahmed

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Crafting experiences, not just code. Full-stack enthusiast with a C++ core. Designing UI/UX masterpieces, untangling graphs. Expert in ensuring solutions with flawless integrity.

Work Experience

Software Engineer
Securiti AI, a global tech firm enabling safe use of data and providing unified intelligence & controls across hybrid multi-cloud.

August 2023 to Present

- Worked for full stack development and testing of the pinnacle module, Unified Data Graph (UDG).
- Developed Python scripts to aid the testing and development of UDG functionalities.
- Pioneered innovative validation strategies for complex graph mechanisms, achieving 100% coverage of nodes and exponential relationships – an industry first.
- Played integral part in Access Intelligence team, examining the user privilege analysis across data systems.
- Gained comprehensive understanding of various cloud data systems such as AWS, GCP, Snowflake, Starburst, SharePoint and Databricks.
- Embraced the dynamic nature of Agile, navigating rapid iteration cycles and evolving requirements with unwavering focus and adaptability.

MERN Stack Developer
Design Henge
April 2023 to August 2023

Crafted scaleable, pixel-perfect websites, compatible across different devices, using ReactJS blended with NodeJS APIs querying the exquisitely designed MongoDB schemas.

Software Developer
Equinix
Jan 2022 to Jan 2023

Worked for the development of PHP web apps, managing Linux operations with Python scripting. Also gained experience in Bash Scripting and SQL queries along with AWS cloud applications.

Junior Developer
Let's Awake Inc.
Jan 2019 to June 2021

Crafted dynamic student performance reports and streamlined workflows with PHP modules at organizational level, mastering Javascript, HTML/CSS, and Google Apps Scripts.

~/EDUCATION >_

University: FAST-NUCES
Degree: BS Software Engineering
CGPA: 3.4
Duration: AUG, 2019 - JUN, 2023
Awards: Deans List 2020 - 2023

Areas Of Interest
- Quantum Computing
- Deep Learning
- Blockchain

To know more about me visit,
mshehryar.com

Competitions </>
Speed Programming - PROCOM'23
ACM '20 Competitive Programming

Languages
English - Proficient (C1 Level)
IELTS Academic - 7.5 Bands

Projects

Led a talented team in building Darzii, a transformative MERN web app for custom dress orders. From concept to launch, I guided development, from crafting a user-friendly "ClothUI" to integrating secure authentication and payment systems. Ensured seamless experience across modules. Darzii empowered tailors with a digital platform, showcasing the power of collaborative innovation to tackle real-world challenges.

Crafted a bespoke C++ neural network trainer from scratch, mastering the intricacies of library construction and algorithm optimization. This project honed my deep understanding of neural networks, enabling me to handle tailored datasets with ease. Advanced features like layers optimization and rigorous testing ensured robust performance, igniting my passion for pushing the boundaries of AI development.

Skills

PRONE TO FAST PACED WORK ENVIRONMENTS ★ EXPERIENCED IN AGILE METHODOLOGIES ★ CRITICAL THINKER ★ TEAM PLAYER ★ FAMILIAR WITH THE START-UP CULTURE

Bridged backend and frontend to develop performant applications with precision. Brought data-driven solutions to life using Java, Python, and C++, coupled with robust databases like MySQL and MongoDB. Designed seamless user experiences using ReactJS and NodeJS, expertly weaving HTML and CSS. Orchestrated streamlined workflows, thanks to VS Code's efficiency, Git's version control, and Jira's agile guidance.