Muhammad Shehryar Ahmed

Full Stack Developer | Software Engineer (FAST-NUCES)

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Karachi, Pakistan (Open for relocation and remote opportunities)

Work Experience

- QA Engineer *[08/2023 - Present]*

Securiti.ai (*San Jose, California*)

Working within the Data Command Center (DCC) and Access Intelligence (AC) teams of the Multi-cloud group. Testing and evaluating the core features of the PrivacyOps. Developed a deep understanding of the workflow.

Modules:-

- **Asset and Data Discovery:** Discover Data Assets.
- **Data Access Intelligence & Governance:** Identify which users have access to sensitive data and prevent unauthorized access.
- **Sensitive Data Intelligence:** Discover & Classify Structured and Unstructured Data, People Data Graph.
- **Data Catalog:** Automatically catalog enterprise datasets.

Core Platforms: **Testrail, Docker, Kubernetes, Jenkins, Jira, AWS, GCP, Azure.**

- Contractor *[01/2022 - 01/2023]*

Equinix (*Sunnyvale, California*)

With the team Cloud and Edge services, developed an AWS-hosted lab reservation app for bug replication, integrated with a PHP web app, and managed Linux operations using Python scripting.

Core technologies: **ReactJS, PHP, JavaScript, HTML/CSS, Python, SQL, Bash Scripting.**

- Jr. Developer *[01/2019 - 06/2021]*

Let's Awake Inc. (*Mississauga, Canada*)

As a junior developer, contributed to projects including a student performance tracker generating reports based on evaluations, an integrated class attendance module, and various PHP modules for automated student management.

Core technologies: **JavaScript, HTML/CSS, PHP, Google App Scripts.**

Skills

- Languages

C/C++, Java, PHP, JavaScript, HTML/CSS, Python.

- Productivity

Git, Linux (Debian), Bash (Shell Scripting), LucidChart (UML), Eclipse Papyrus (UML), AWS VMs.

- Databases

MySQL, MongoDB.

- Prompt Engineering

GPT-3, GPT-4 (A course by DeepLearning.AI and OpenAI)

Education

- BS Software Engineering *[08/2019 - 06/2023]*

FAST-NUCES (*Karachi, Pakistan*)

CGPA: **3.4**

Some of the main courses are:-

- Object Oriented Programming
- Data Structures
- Databases
- Computer Networks
- Web Programming
- Artificial Intelligence
- Blockchain
- Software Design & Architecture
- Information Security
- Design & Analysis of Algorithms
- Software Quality Engineering
- Software for Mobile Devices (Flutter)
- Simulation & Modeling
- Probability & Statistics
- Discrete Structures
- Human-Computer Interaction
- Operations Research
- Finance & Accounting
- Operating Systems
- Software Requirements Engineering
- Software Construction & Development
- Technical Business Writing
- Software Project Management
- Software Re-Engineering
- Professional Practices in I.T.
- Agile Development

Projects

- Darzii *(MERN Stack)* - FYP *[09/2022 - 05/2023]*

As team leader, I oversaw the development of 'Darzii,' a MERN-based web app for custom dress orders, tailor interactions, and order tracking. I also designed 'ClothUI' for user-friendly clothing design. Additionally, I integrated user authentication and a payment gateway, ensuring a quality user experience through thorough testing.

- Shop.it *[01/2022 - 06/2022]*

Developed a PHP-based online clothing store with an SQL database and Bootstrap frontend.

- Neural Net Trainer *[07/2020 - 01/2021]*

Created a C++ neural network trainer for tailored datasets. This project sharpened my AI skills, involving research, versatile design, advanced features, and rigorous testing. It ignited my passion for AI research and development.

- Roaming Routes *[01/2022 - 06/2022]*

Created a PHP trip planner with interactive UI/UX, SQL database, and hotel/transport booking.

Certifications

- PrivacyOps (Securiti Education) *[08/2023]*
Certifying knowledge of Data Privacy Laws and Concepts.

- Dean's List (FAST NUCES KHI) *[2020, 2023]*
Certificate awarded on securing a SGPA of more than **3.5**.

- IELTS *[02/2023]*
Overall Band Score: **7.5**.