Ahsan Sheraz

Full-Stack Developer

✉ ahsansheraz250@gmail.com   📞 +92 (324) 4556680   git https://bit.ly/34B9nBs

📅 February 06, 1996   in https://bit.ly/3JcwQro   S live:.cid.143c52933a72d4

Why *Ahsan?*

- Innovative, competent, capable, and accomplished full-stack engineer with expertise in developing web application back-end & front-end components, and CI/CD pipelines; proficient in writing code, server configuration, implementing & deploying applications, ensuring data security and protection, and identifying data storage solutions
- Highly skilled in programming, creativity, teamwork, problem-solving orientation, and using Python programming language; proficient and adept in providing quality solutions to complex business issues. Talented and multi-skilled developer possessing analytical skills with logical thinking abilities
- Astute professional capable of leading teams and projects; has finest blend of skills with proven ability to work independently and as part of teams. Convincing communicator with practiced troubleshooting and problem-solving skills; has capacity to work in dynamic and challenging environments

CORE STRENGTHS & ENABLING SKILLS

- Python
- Web Development
- DevOps
- Cyber security
- Infrastructure as Code
- Cloud Computing
- Project & Team Management
- Numerical & Analytical Skills
- Technical & Problem-Solving Skills

LANGUAGES & TECHNOLOGIES

- **Programming/Scripting Languages** – Python, Groovy, PHP, C++, PowerShell, Bash
- **Frontend Technologies** – React & Angular (Beginner)
- **Operating System** – Linux (Ubuntu, CentOS, Debian), Windows
- **Database** – MySQL, PostgreSQL, Mongo DB, SQLite, Oracle 10g
- **Frameworks** – Flask, Django, Django-Oscar
- **IDE's** – IntelliJ IDEA, PyCharm, Sublime, Visual Code
- **Networking Tools** – Nmap, Nikto, Wireshark, OSquery, Spiderfoot, nDPI, Snort, OSINT, Alien Vault OTX, Google Dorks
- **Networking Libraries** – ipset, iptables, dhcpdump, Paramiko
- **DevOps/Server Configuration Tools** – Jenkins, Chef, Grafana
- **Amazon Web Services** – Cloudformation, EC2, ElasticIP, S3, IAM, CLI, Route53, Load Balancing, Bootstrap EC2, RDS
- **Google Cloud** – gRPC, Deployment Manager, VM-Instance, CLI, Static IP, IAM, GKE, Cloud Build, Container Registry, Cloud Run
- **Azure** – App Service, Azure Functions
- **Version Controlling/Communication/Management Tools** – GitHub, Gitlab, Bitbucket, Slack, Microsoft Teams, Jira, Notion
- **Code Security Tools** – SonarQube
- **Web Servers** – Nginx, Apache, Gunicorn

PROFESSIONAL EXPERIENCE

Ricult, Lahore, Pakistan
Working as "*Full-Stack Developer*" - Full-time   **November 2021 – Present**
Responsibilities/Accomplishments:

- Competently demonstrating sound technical abilities and fundamental knowledge of handling entire process of frontend using React & Angular, and backend using python and Flask as web framework; managing and executing all aspects of work including CI/CD pipelines on Azure, and server monitoring tools like Grafana
- Accomplishing desired project outcomes while developing and evaluating solutions to maximize corporate profits; collaborating closely with other team members to provide robust solutions for corporation aimed at providing agriculture-based and advanced AI/ML solutions

Professional Projects:

— **Ricult X:** Expertly delivered application support to different organizations to manage risk in farming and help farmers increase their crop yield

- **Ricult Farmer App:** Perfectly designed apps for farm management to give holistic view of all farm activities and inputs and provide up-to-date weather forecasts
- **Ricult Agent:** Improved performance of farmers and employees by developing app aimed at managing the data and checks for fields

Legacy Technologies, Lahore, Pakistan
Worked as "*Senior Software Engineer*" - Full-time   **September 2020 – November 2021**
Responsibilities/Accomplishments:
- Skillfully contributed to DevOps team, designing and building complex pipelines for CI/CD; worked on server configuration tools and monitoring tools
- Effectively designed containerized solutions for different microservices deployments; proficiently wrote Rest APIs in Flask to automate tool communication; worked on migration from Legacy systems to microservices

Shopdev, Lahore, Pakistan
Worked as "*Software Engineer II*" - Contract   **June 2021 – November 2021**
Responsibilities/Accomplishments:
- Expertly managed working on microservices-based architecture while utilizing key skills in Django, managed cloud & deployment operations, and designed and optimized processes and architectures
- Adroitly led and manage technical staff in writing and preparing documentation including software requirements specification (SRS); coordinated with IT support team, and conducted system orientation for sub-ordinates and new recruits
  Professional Projects:
  - **LMS (Loyalty Management System):** It is comprehensive, technologically advanced system that enables businesses to create and execute successful loyalty programs with ease

Broadstone Technologies, Lahore, Pakistan
Worked as **"Software Engineer" - Full-time**   **October 2019 – September 2020**
Responsibilities/Accomplishments:
- Skillfully contributed to backend team, designing and building service APIs on Flask framework; specifically performed on edge-cutting technologies of cyber security
- Competently contributed to DevOps team, designed and built complex pipelines for CI/CD; worked on server configuration tools and monitoring tools
  Professional Projects:
  - **D. Moat:** Product designed to secure internal network by monitoring performance of network
  - **Prytex:** Software designed as trial version of "D. Moat"; can be installed and used on any windows & Ubuntu OS
  - **Cytex:** Web-based cyber security application to prevent external attacks on enterprise level

Freelancer, Lahore, Pakistan
Worked as **"Software Service Provide" - Freelancer**   **August 2018 – September 2019**
Responsibilities/Accomplishments:
- Worked on different projects with different clients; mainly focused on Django, Oracle and PHP based applications.

PROFESSIONAL QUALIFICATION

- **Quaid-I-Azam University Islamabad, Pakistan** (2015 – 2019)
  BS – Computer Sciences
  Coursework:
  OOP, Data Structures, Design and Analysis of Algorithms, Computer Architecture, Artificial Intelligence, Database Systems, Operating Systems, Software Engineering

PROFESSIONAL CERTIFICATES & AWARDS

- Honorably received "*Ignite National Award for Event Detection System*" as an innovative idea
- Admirably won "*Best Project Poster (Event Detection System) Award*" in event organized by ORIC Quaid-I-Azam University
- *Project (Event Detection System),* worthily selected as an innovative idea in Dice 2020 organized by COMSATS
- Certification in "*AWS CloudFormation Master Class*" from Udemy
- Certification in" *CI/CD with Jenkins*" from Udemy