

Software Engineer

6600 Dunlap Street, Houston, APT C3007 Texas, USA.

asifpalash2@gmail.com +1 346 446 2623

Expertise

- *20+ years experience in the field of Information Technology, Data Science, Data Visualization & Analysis. Desktop and Mobile Software Development
- *10+ years of experience in Terrestrial Broadcast Engineering (**FM**)

Work Experience

AI/ML Engineer - Acore Health (Client Engagement C2C) 2025 – Present - USA

Designed and implemented a **cloud-based healthcare data platform** integrating patient data, clinical workflows, and AI-driven analytics.

- Built scalable **data pipelines** to process patient records, billing data, and operational datasets.
- Designed **data models and structured storage systems** for healthcare analytics and reporting.
- Implemented **real-time data ingestion and processing workflows** for patient monitoring systems.
- Developed **AI-driven analytics and decision-support systems** using healthcare data.
- Built and optimized **SQL queries and reporting layers** for operational dashboards.
- Designed secure **HIPAA-compliant data architecture** ensuring privacy and regulatory compliance.
- Integrated multiple data sources including clinical, billing, and operational systems into a unified platform.
- Developed conversational AI/chatbot systems backed by structured and unstructured healthcare datasets.
- Enabled **predictive analytics and automation workflows** to improve patient care and operational efficiency.

Information Analyst at Tech Spade USA, Inc from 2025 to Present - H1B Sponsored

- Leading data-driven projects by defining clear objectives, managing resources, and ensuring timely delivery of outcomes.
- Collaborating with various departments to facilitate the seamless integration of data solutions.
- Offering technical assistance to resolve data issues and troubleshoot complex problems.
- Guiding users on effective data retrieval, interpretation, and utilization techniques.
- Developing and updating comprehensive documentation for data workflows, systems, and tools.

Software Engineer

6600 Dunlap Street, Houston, APT C3007 Texas, USA.

asifpalash2@gmail.com +1 346 446 2623

- Educating users on the effective use of data tools, best practices, and analytical methodologies.
- Ensuring adherence to data governance frameworks and regulatory requirements.
- Implementing robust data security protocols to safeguard confidential information.
- Identifying and recommending improvements for data infrastructure and workflows.
- Enhancing data systems to boost accuracy, efficiency, and user accessibility.
- Designing and maintaining insightful reports, dashboards, and visual data representations.
- Translating data insights into actionable recommendations for stakeholders through visual storytelling.
- Keeping abreast of the latest advancements in data analytics, tools, and technologies.
- Exploring and evaluating new data analysis methods and reporting tools.
- Monitoring and optimizing the performance of data systems and applications.
- Conducting periodic audits to maintain data integrity and system performance.

IT Project Manager – Yumiko, Garments Manufacturer - Spain 2024-2025

- Led AI-driven digital workplace initiatives integrating automation, analytics, and workflow optimization.
- Managed end-to-end project lifecycle from intake, prioritization, sprint execution, to production rollout.
- Facilitated Agile ceremonies including sprint planning, backlog refinement, retrospectives, and stakeholder demos.
- Coordinated cross-functional teams across Technology, Information Security, Infrastructure, and Business Units.
- Implemented AI-based analytics solutions for operational performance tracking and predictive insights.
- Developed project artifacts including project plans, RAID logs, status dashboards, and executive-level reporting.
- Ensured compliance with governance, risk, and security policies.
- Managed vendor delivery timelines and tracked milestone performance.
- Leveraged Jira and Confluence for delivery transparency and backlog governance.
- Drove shift-left quality practices in collaboration with engineering teams.

Software Engineer

6600 Dunlap Street, Houston, APT C3007 Texas, USA.

asifpalash2@gmail.com +1 346 446 2623

Technical Consultant at www.Subaru.com.bd from 2017 to 2025

- Provided technical expertise and guidance to support the seamless operation of cloud-based systems for internal users.
- Collaborated with cross-functional teams to identify and implement innovative solutions to improve system performance, efficiency, and reliability.
- Conducted regular system audits and performance assessments to ensure optimal functionality and security.
- Developed ERP and maintained comprehensive documentation, including system architecture diagrams, configuration guides, and troubleshooting procedures.
- Led training sessions and workshops to educate users on new technologies, best practices, and system updates.
- Contributed to the continuous improvement of processes and workflows through feedback, automation, and optimization initiatives.
- Stayed updated on emerging technologies, industry trends, and best practices to recommend and implement innovative solutions that align with business objectives.
- Played a key role in the evaluation, selection, and integration of third-party tools and services to enhance system capabilities and scalability.
- Conducted risk assessments and implemented security measures to protect sensitive data and mitigate cybersecurity threats.
- Supported disaster recovery planning and execution to minimize downtime and ensure business continuity in the event of system failures or disasters.

Cloud Engineering Consultant at www.AmysIceCreams.com from Sep 2022-May 2023

- Designed, developed, and implemented cloud-based solutions to streamline business processes and enhance operational efficiency.
- Collaborated with stakeholders to understand business requirements and translate them into technical solutions using JavaScript and Google Cloud Platform (GCP).
- Customized and configured enterprise resource planning (ERP) systems to meet the specific needs of Amy's Ice Creams, including inventory management, revenue tracking, delivery logistics, and returns processing.
- Conducted thorough system testing and quality assurance to ensure the reliability, scalability, and performance of cloud-based applications and services.
- Provided ongoing support and maintenance for cloud infrastructure, monitoring system health, performance metrics, and security compliance.
- Integrated Microsoft Exchange Server, SharePoint, and Office365 with cloud-based applications to facilitate seamless communication, collaboration, and document management.

Software Engineer

6600 Dunlap Street, Houston, APT C3007 Texas, USA.

asifpalash2@gmail.com +1 346 446 2623

- Documented technical specifications, architecture diagrams, and standard operating procedures to facilitate knowledge sharing and ensure continuity of operations.
- Delivered training sessions and workshops to educate end-users on best practices for utilizing cloud-based tools and applications effectively.
- Collaborated with cross-functional teams to troubleshoot issues, identify root causes, and implement corrective actions to minimize downtime and service interruptions.
- Stayed abreast of industry trends, emerging technologies, and best practices in cloud computing to recommend continuous improvements and optimizations.
- Configured Linux server for Google Workspace Backup including email backup using Contabo.

Head of Technology at Radio Furti Limited www.radiofoorti.fm from 2007 to 2017

- Radio transmission, transmission line and antenna configuration.
- Deployed 6 terrestrial radio stations, providing turn key solutions such as Survey and Design, Configure, Calibration ,Commission and Maintenance Operation. In-Charge and **Trainer** of 50+ tech hands for 6 Stations.
- Check & monitor power and RF, connectivity, fault repair etc.(BE/Ecreso/ERI/Jampro) Broadcast a variety of live or pre-recorded local and in/out streams for relay.
- Playing commercials as scheduled and maintaining a commercial and transmitter log
- Selecting bumper music, when needed, and back-timing pre-recorded programs for smooth transition back to live programming
- Monitors and updates weather, traffic and news reports into automation equipment
- Monitor national Alerts, Emergency Alerts and breaking news
- Monitors the technical quality and accuracy of incoming and outgoing on-air programming from master control room
- Assists with adjusting signal and programming content to ensure transmission meets national broadcast standards
- Implemented and maintained monitoring tools and alerting systems to proactively identify and resolve issues before they impacted operations.
- IT Hardware & Software solutions, Network, Server Manage & disaster recovery.
- **Data Analysis, Data Visualization, Daily, Weekly, Monthly Report generation.** Automation of the radio Station. Studio works, On-Air Support & Solution.

Education

BSC in Computer Science & Engineering East Delta University	Higher Secondary Certificate Faujdarhat Cadet College 2nd Div in 1999	Secondary School Certificate Faujdarhat Cadet College 1st Div in 1997
--	---	---

Software Engineer

6600 Dunlap Street, Houston, APT C3007 Texas, USA.

asifpalash2@gmail.com +1 346 446 2623

Professional Certifications**CompTIA Security+ ce Certification**https://www.credly.com/badges/4384699a-195a-4d37-94f8-8200d55e926c/public_url**CompTIA PenTest+ ce Certification**https://www.credly.com/badges/1f3a9bfb-c75a-4acb-a60f-16912d77b138/public_url**CompTIA Network Vulnerability Assessment Professional Certification**https://www.credly.com/badges/555f9161-861a-40e5-b2ef-c5121169b484/public_url**Google Analytics**<https://skillshop.credential.net/884407ba-2780-40ec-aa76-94e3cfa6c8a2>**Google Ads Apps**<https://skillshop.credential.net/26346f0e-d57b-4674-85aa-6228df2a602b>Coding Languages

C/C++/C#/Visual C#

Python/django

Git/Codecademy

JavaScript/Node.js

HTML5/CSS/Bootstrap

Automation/Api/Apex-

GCP-GAS/AWS/Azure

SQL/JSON/Oracle

Salesforce, Workday

Additional Speciality

Audio production skills using Ableton, Adobe Audio, Sonar, Soundforge (Sony), Nuendo, AudioTools.com etc

Familiar with FCC rules and regulations and EAS guidelines

Proficient using computer systems such as Microsoft Office Suite, AudioVault, WinMedia & other audio editing and automation programs

Good Knowledge of basic electronic wiring and sound system set-up

Setup/configure/troubleshoot/repair audio mixers and remote monitoring systems for radio transmissions

Flexible for scheduling; can work in the evenings, weekends and holidays

Generator & Vehicle Maintenance, Mechanical works, compressor ignition engine and spark ignition engine works.

Upwork.com/freelancers/~018e95222ec6f789c6 (90% Job Success)

Linkedin.com/in/asifpalash/

Personal Information

Born in 1981, Married with 2 kids, Willing to relocate anywhere for work.

5 feet 10 inch

85 kg

Blood Group O Positive

Has Xanthelasma mark under right eye

Emergency Contact my wife : Memia Chowdhury

Emergency Contact phone : +1 346 446 7099

