Akash Poddar

Dhaka, Bangladesh

📞 (+880) 1784212090 | ✉ akash.poddar.0799@gmail.com | 🔗 echo-akash | in akash-poddar

Career Objective

Dedicated and creative neophyte, who has been working in software, research, business analysis and project management is eager to demonstrate innovation and leadership in the IT industry.

Education

Military Institute of Science and Technology — *CGPA: 3.51/4.00*
B.Sc. in Computer Science Engineering — *2016-2019*

Notre Dame College — *GPA: 5.00/5.00*
Higher Secondary Certificate(HSC) — *2015*

St. Joseph Higher Secondary School — *GPA: 5.00/5.00*
Secondary School Certificate(SSC) — *2013*

Skills

Languages Python, Java, C, C++, Assembly, Shell Script, HTML, CSS, PHP, JavaScript

Database Oracle, MySQL, Firebase

Development Android, Web

Operating System Linux, Windows

IDE Jupyter Notebook, CodeBlocks, NetBeans, MATLAB, Android Studio, Microsoft Visual Studio Code, Packet Tracer, emu8086, Arduino, Wireshark, Weka, Katalon Studio, Postman

Typesetting Software ShareLaTeX (Overleaf v2)

Word Processing, Project and Presentation Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Visio, Microsoft Project, Trello, Jira

Graphics OpenGL, Blender, Adobe Photoshop

Design Software Justinmind, HTML Help Workshop, Circuit Maker, AutoCAD

Industry Knowledge Web and Technical content creation, Networking, Project Management

Interpersonal Skills Analytical Ability, Strategic planning, Leadership, Public speaking

Communication Skill Written and oral skill in both Bangla and English

Version Control Git

Research Interests

Data Science, Big Data, AI, Machine Learning

Experience

SciTech Innovations Limited _Dhaka_

BUSINESS ANALYST _Jul. 2020 - current_

- Acquire customer requirements and design solution
- Test and ensure the software quality
- Deal with industry, client, functional training and product demonstration
- Software documentation
- Alignment between software architect and developers

Dept. of CSE, Military Institute of Science and Technology _Dhaka_

RESEARCH ASSISTANT _Feb. 2020 - Aug. 2020_

- Manage national events, seminars, workshops.
- Requirement elicitation, architecture, system & database design and manage team, project & stakeholders for several in house projects
- Conduct research projects regarding data analysis, data mining, machine learning, image processing etc.

Hello Institute of Information Technology Ltd. _Dhaka_

MENTOR _Jan. 2016 - Jul. 2019_

- Enhance IT skills in young talents
- Guide in Programming, Web Development, Graphics Design,Digital Logic, Microsoft Office tools, Networking, Database, Hardware knowledge, Troubleshooting

Aamra Networks Limited _Dhaka_

TRAINEE _Dec. 2018 - Jan. 2019_

- Learn about network industry and its pros and cons
- Gaining idea on networking PoPs, data center, internet bandwidth, internet connectivity, cloud service, product branding and client management

HANS _Dhaka_

COORDINATOR (VOLUNTARY WORK) _Jul. 2017 - Jul. 2019_

- Creating awareness about Autism through various activities and events throughout the year
- Worked for development of Autistic children
- Arrange and coordinate events dedicated to special children
- Mentor and manage group of volunteers

St. Joseph Literacy School _Dhaka_

PART TIME TEACHER (VOLUNTARY WORK) _Jul. 2011 - Dec. 2012_

- Educational development of socially deprived children
- Part time teacher at regular shifts

University Projects

A Comprehensive Data Set for Classification and Analysis of Human Emotion using Physiological Signals

- Multimedia EEG dataset for human emotion analysis
- Machine learning approach for analysis
- Multimodal approach

Weapon Zeroing and Warriors' Range Efficiency Analysis System of Small Arms for Bangladesh Army

- Design, develop zeroing tool to improve the accuracy of the soldier ensuring development of consistent shot firer
- Detect bullet impression from target paper applying machine learning approach
- Develop system to allow the commanders a scope of monitoring the results
- Design, develop database for soldiers to allow tracking of methodological development of firing standards
- Minimizing the system loss by implementing AI based target checking method which will ensuring precision, automation

Bridho-Android app for elderly citizen

- Android App to aid elder people with memory
- Provide nursing care and physiological service aid

DBMS for NGO

- Database management system for NGO focused on women empowerment
- Enhance administration and fair management