

JOBAER KHAN

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EDUCATION

Professional Doctorate in Engineering | Eindhoven University of Technology

Major: Software Technology

Oct, 2019 – Present

Master of Science in Software Engineering | University of Dhaka

Major: Software Engineering

Jan, 2013 – May, 2014

Bachelor of Science in Information Technology | University of Dhaka

Major: Software Engineering

Feb, 2009 – Dec, 2012



PROJECT EXPERIENCE

Automated Sequence Planner: A tool to create optimized sequence

PDEng Graduate Intern | ASML Netherlands B.V.

Jan, 2021 – Oct, 2021

- Responsibility**
- > Managing the whole project as this is a single person project
 - > Developing sequence generator
 - > Developing code generator

Technology Python, PDDL, AI Planning, C++, JavaScript

Sentiment Analysis for Astronauts

Team Lead | European Space Agency

Oct, 2020 – Dec, 2020

- Responsibility**
- > Communicating with the client
 - > Supervising the team progress
 - > Define and accept user stories

Technology Python, TensorFlow, Machine Learning, Embedded system

MATLAB Extension for Simplicity Requirement Management API

Scrum Master & Engineer | TNO Automotive

Apr, 2020 – Jun, 2020

- Responsibility**
- > Managed the team to work in line with Agile and Scrum practices
 - > Organized scrum meetings
 - > Developed MATLAB plugin for Simulink model

Technology MATLAB, Simulink, Python, Django

Generating Dataset of Videos for Deep Learning

Configuration Manager & Engineer | Bosch Security Systems

Feb, 2020 – Apr, 2020

- Responsibility**
- > Configuration of the team's machines and repositories
 - > Defined and managed repository guidelines
 - > Developed scene generator for generating images and videos

Technology Python, CARLA Simulator, TensorFlow



PROFESSIONAL EXPERIENCE

Senior Software Engineer | Aan-Nahl Software Ltd., Dhaka Sep, 2018- Sep, 2019

- Responsibility**
- > Project specific requirement analysis and communication with clients
 - > Defined application architectures, database structures and UI layouts
 - > Supervised trainee and junior developers
 - > Developed Telemarketing Management System and B2B Application
- Technology** C#, ASP.NET core, ASP.NET MVC, Angular, SQL Server, Azure

Software Engineer | IQVIA, Dhaka Oct, 2016 – Aug, 2018

- Responsibility**
- > Requirements gathering for legacy system rewrites
 - > Developed HCRS(Health Care Regulatory System)
 - > Created BI dashboard using Power BI and Tableau
 - > Participated in essential R&D tasks to integrate new technologies
- Technology** C#, .NET, Angular, JavaScript, SQL Server, Oracle, Power BI, Tableau

Software Engineer | The Jaxara IT Ltd., Dhaka Jul, 2015 – Sep, 2016

- Responsibility**
- > Developed cloud based applications
 - > Deployment of application in different servers
 - > Optimized and refactored existing components
 - > Developed a highly scalable healthcare data management platform
- Technology** C#, ASP.NET Web API, Angularjs, SQL Server, Jenkins, AWS



TECHNICAL SKILLS

Programming C#, Python, Java, JavaScript
Databases MSSQL, MySQL, DynamoDB, Redis
DevOps Docker, Jenkins, AWS, Azure
Frameworks Angular, Django, ASP.NET Core



PERSONAL SKILLS

- > Team worker
- > Creative thinker
- > Goal oriented
- > Proactive



LANGUAGES

Bengali(Native) ●●●●●●
 English (C1) ●●●●○
 Dutch ●○○○○



HOBBIES

- > Traveling
- > Reading
- > Sports



INTERESTS

- > Artificial intelligence
- > Software architecture & design
- > DevOps
- > Algorithms



AWARDS

- > Client Delight – Team Award, IQVIA, 2017
- > Third at ByteKnight Cyber-Security Challenge, OWASP, 2012
- > Three times Chess champion at Faujdarhat Cadet College, 2003, 2005, 2007



CO-CURRICULAR ACTIVITIES

- > Attended different programming contest
- > Organized and participated in various cultural and sporting events