Muhammad Bangash

Software Engineer

Skills

- Problem solver
- Knowledge og algorithms and data structures
- Strong analytical skills
- Proficiency in troubleshooting software problems and debugging a large code base.
- Programming
- Versioning
- Clouding in Azure
- DevOps
- Documentation in UML
- Communication skills
- Team player

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Profile

Software engineer with robust analytical and technical capabilities, excelling in software engineering. Renowned for initiating and spearheading new software projects, adept in refining existing software, and crafting user-centric applications using diverse programming languages to precisely meet user needs.

Education

Denmark Technical University| 2020 - 2023

B.Eng i Software Technology

Denmark Technical University| 2018 - 2020

Entrance course for Engineering Studies

Askari College| 2005- 2007

Assiociate of Science in Biology

Experience

HOFOR | January 2024 - now

Cloud Engineer

- Design, implement Cloud Infrastructure solutions on Azure & M365
- Automation of deployment, monitoring and administration og Cloud resources via IaC
- Configuration for scalability and availibility
- Optimization and enhancing system performance.
- Endpoint Management solutions

Nykredit | August 2023 - January 2024

Junior Software Engineer

- Development of software solutions using C# and .Net technologies.
- Design, implementation, and testing of new features.
- Debugging and troubleshooting in existing code.
- Optimization and enhancing system performance.

Programming Languages

- Java
- Kotlin
- C#
- MySQL
- JavaScript
- CSS
- HTML 5
- R
- C
- Python

Languages

- Danish
- English
- Urdu
- Pashto
- Punjabi
- Hindi

Novo Nordisk| February 2023 - July 2023

IT Solution Architect

- Automation of critical business processes
- Automattion of pharma report generation
- Development of Software Application and databases
- Optimization and enhancing system performance.

MentorDanmark | Sep 2022 - Feb 2023

Mentor

- Instrumental mentor guiding and inspiring children and young adults, fostering intellectual growth and curiosity.
- Actively nurtured talents, encouraged ambitions, and provided support in their journey of learning and self-discovery.

GoTutor| September 2022 - February 2023

Tutor

- Coaching and Mentor
- Teaching Mathematics | Physics

PostNord| July 2009 - August 2018

Drifts coordinator

- Drift planning for routes, planning for the workers, and recruitment of new workers. Delivery efficiency and team coordination

SPAR| June 2008 - July 2009

Store Manager

- Purchasing
- Recruitment of new employees
- Ad hoc
  - pay bills
  - pay salaries
  - customer service

Projects and Experience

Price Tool Project at Nykredit| Sep 2023 - now
Junior Software Engineer

Blazor application | C# | Html
ASP.Net core| Rest framework| | SQL
DevOps | Pipelining | Bamboo| Project Management

- In my current role, I spearhead a groundbreaking project driven by digital transformation, modernizing legacy systems by integrating cutting-edge technologies.

Validation Project at Novo Nordisk| Feb 2023 - July 2023
IT Solution Architect
React application | JavaScript | NodeJs | Html
Python Django | Rest framework| | SQL
DevOps | Pipelining | Dockers | Project Management

- Leveraging the Document Engine, a cutting-edge software solution that automates document creation and report generation, reducing a two-week process to just 10 seconds. This tool integrates directly with databases, populating reports with real-time data and generating professional documents instantly, significantly enhancing productivity and efficiency.

Webshop| September 2022 - December 2022
React application | JavaScript | NodeJs | Html
Microsoft ASP.Net core | C#| | Web API
DevOps | Pipelining | Dockers | CapRover | Azure DevOps

- Spearheaded the development of a comprehensive webshop, utilizing React for front-end and .NET Core for back-end, with MySQL for database management. Successfully deployed the project on Azure VM Server using containerization, enhancing scalability and efficiency.

Portfolio| Juli 2022
React application | JavaScript | NodeJs | Next JS|Html

- Developed a personal portfolio website and deployed to show my skills in the frontend technology

CDIO | Februar 2022- June 2022

Solitaire Game i Java | Kotlin | Python

- Developed an android application that uses artificial intelligence to detect cards and solve the game using logic

Engineers Academy | February 2022- June 2022
A React FrontEnd and Asp.Net Core BackEnd

- A platform for engineers that can share their experience gained through different courses at DTU

Phone Freedom| September 2021 - January 2022

Android Applikation i Kotlin og Java

- An android application was developed that functions as an autoresponder for social media. An application that sends automatic messages to social media contacts in case of unavailability to inform when the user can be contacted.