

Muhammad Bilal Iqbal

SOFTWARE ENGINEER · BSC. COMPUTER SCIENCE

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Skills

Programming	C/C++, JavaScript, Python, HTML, CSS
Frameworks/Libraries	React.js, ASP.NET, JEST
Cloud Technologies	Azure
Databases	SQL (Relational Databases), Firebase (NoSQL)
Testing	Unit
Lifecycle management	Agile Software Development
Automation	Python scripting
APIs	REST

Education

National University of Computer and Emerging Sciences

BACHELOR OF SCIENCE, COMPUTER SCIENCE (CGPA: 2.66)

Lahore, Pakistan

Aug. 2014 - Aug. 2019

Experience

i2c

Lahore

SOFTWARE ENGINEER

June 2020 - Present

- Performed necessary configuration on the system during new client onboarding. Testing of modules provided to client and necessary trainings to client as a part of onboarding process.
- In case of new development from client understanding client's business case and suggesting the possible solutions.
- In case of outage identifying the cause plus restoring data and generating reports within the given service-level agreements.
- Providing technical support services to internals (inter-departmental) and externals (clients) via different communication channels like IM, VOIP and ticketing System.
- Efficient and effective Data Analysis, Pattern Identification and Issue Resolution, using IBM Informix systems.
- Root cause analysis of the issues reported by the clients through examining data using SQL queries, careful analysis of application logs and fixing plus escalation of issues to the concerned departments/stakeholders.
- Providing training's to the new hires as part of new hire buddy program.

Lahore

ASSOCIATE SOFTWARE ENGINEER

August 2019 - June 2020

- Gained basic principles of FINTECH industry and transaction processing. Managed online transaction processing and monitored the database on a daily basis by writing optimized SQL queries.
- Effectively took technical and non technical trainings which were a part of comprehensive training module designed by i2c.
- Performed reconciliation and settlement activities by filtering the required data using SQL queries from the system.
- Worked on modules such as schedulers, ETL, OLAP on linux platform plus used SVN subversion control system.
- Verified that data is consistent in i2c system and sent reports to clients using SFTP/email after reconciliation activities.

National University of Computer and Emerging Sciences

Lahore

TEACHER ASSISTANT-ENTERPRISE INFORMATION SYSTEM

Spring Semester 2020

- Worked as a teacher assistant helping the teacher in grading students about how well they understand ERP system
- Marked final project reports prepared by students regarding how different companies implemented ERP system and what were their goal and objectives while moving towards ERP system.
- Effectively managed and worked with students in order to make them understand the ERP system by providing feedback.

Projects

- SmartBrain:** Application that incorporates clarifai API for face recognition in an image. React was used for front end. Users were able to login and each user had a rank based on number of images entered. An API was also designed using Express.js and Node.js. Front end and backend were working as stand alone applications.
- Indecision App:** Application designed in React that manages user's daily tasks. Created using React for front end and SCSS for styling. Application included custom designed React components as well as third party components.
- Expensify App:** Application that helps user to track their expenses. React Router and Redux were used. CRUD operations and filtering expenses based on different criteria. Firebase was integrated as live database. Deployed on heroku as a live application.
- Securing IT Infrastructure Against Social Engineering Attack Vectors:** A system developed based on machine learning built using Scikit learn library used to classify between spam and not spam content. Data was trained using Naive Bayes classifier and an android application was developed in order to demonstrate the working of classifier.
- Nuces-Circle:** A complete web application including REST API designed for professionals to socially interact similar to linkedIn developed in ASP.NET using MSSQL based on MVC architecture.