PERSONAL INFORMATION

Muhammad Yasir Junaid

📍 House # B-82, Sector 11-A North Karachi, 75850 Karachi (Pakistan)

📱 (+92) 346 2837172

✉ myasirjunaid16@gmail.com

in linkedin.com/in/yjsiddique

💬 Skype live:myasirjunaid16

🌐 https://myasirjunaid.com/

Sex Male | Date of birth 16 Jun 1994 | Nationality Pakistani

WORK EXPERIENCE

17th Feb 2020 – Present

Software Engineer

Synametrics Technologies, Karachi (Pakistan)
https://web.synametrics.com/

- Responsible for designing and implementing software products/features including writing specifications and implementation keeping in mind the project timelines, objectives, and goals
- Worked mainly in Java technologies following Synametrics Rapid Application Development Framework into products.
- Provide assistance to enhance the security of products regarding cryptography and anti-viruses.

1st Nov 2019 – 15th Feb 2020

Research Associate

National Centre for Cyber Security (NCCS) NEDUET, Karachi (Pakistan)
https://nccs.neduet.edu.pk/

- Gain experienced in Cyber Security in the themes of End Point Protection, Internet Security, Digital Forensics and Quantum Technology.
- Provide assistance to End Point Protection team in area of Security Information and Event Management (SIEM) solution and in Mobile Forensics domain.
- Worked on multiple tools and technologies like KaliLinux, C, C++, Python, etc.

9 Apr 2018 – 31st Oct 2019

IT Application Consultant

Bayer Pakistan (Private) limited, Karachi (Pakistan)
https://www.bayer.com

- Accountable for IT related part of the development/maintenance and implementation of the applications.
- Worked in multiple languages and tools: ASP.Net, C#, JavaScript, HTML, SQL, SAP authorization.
- Provide authorization support to users for ERP systems as per Bayer global guidelines.
- Provide assistance and support to users for SharePoint systems as per Bayer global guidelines.
- Analyse, and translate business requirements into functional and non-functional system requirements.
- Also gained experience in known BI tools like Tableau.

6 Feb 2018 – 15 Jun 2018

Visiting Faculty

SZABIST University, Karachi (Pakistan)
http://khi.szabist.edu.pk/

- Taught C Programming language (ME-2301-T) course to the first-year students of Mechatronics Department.
- Define the basic concepts of programming like data types, standard libraries, Decision Control Structure, Loops, Files handling and Object-Oriented introduction.

17 Apr 2017 – 30 Mar 2018

Software Engineer

TPS Pakistan Private Limited, Karachi (Pakistan)
https://www.tpsworldwide.com/

- A part of core development team in Service Delivery – Switching department.
- Worked in multiple technologies like C, C++, PL/SQL and SOAPUI etc.
- Resolving the production environment issues.
- Dealing with client in Project deployment phase.
- Gained hands-on experience in Hardware Security Module (HSM).

2 Jan 2017 – 10 Apr 2017

IT Executive

XDReader Private Limited, Karachi (Pakistan)
https://xdreaders.com/

- A small start-up based on small projects.
- My duties mainly were to manage the project according to the timelines.
- Also worked there on multiple technologies namely PHP, WordPress, Big data and Machine learning etc.

Dec 2015 – Dec 2016

Research Assistant

HPCC (High Performance Computing Centre), Karachi (Pakistan)
https://hpcc.neduet.edu.pk/

- Worked on Hardware Security module for cloud SaaS applications.
- Researched on Cybersecurity modules like Cryptography and Hybrid Algorithms, such as XOR-CIPHER, ROT-13 and implementation of Advance Encryption Algorithm (AES) in parallel computing.
- Worked on with GP-GPUs programming frameworks like OpenCL and CUDA.
- Network Security Protocols (IPSEC, IKE, PPTP, SSTP). Cloud Computing framework and its Security.
- Presentation skills, communication and working with multicultural/international teams in a technical and professional context.

Jun 2015 – Jul 2015

Internee

Inseyab Consulting & Information Solutions LLC, Karachi (Pakistan)
https://inseyab.com/

- Worked on business intelligence tools.
- Evaluate metrics and perform data analytics.
- Perform the assigned task successfully.

EDUCATION AND TRAINING

2013 – 2016

Bachelor of Engineering (Computer & Information System Engineering)

NED University of Engineering and Technology, Karachi (Pakistan)

https://www.neduet.edu.pk/

CGPA 3.13 / 4.0

- **Related Courses**
  - Object Oriented Programming, Database Management Systems, Software Engineering
  - Artificial Intelligence, Computer Systems Security, Numerical Methods.
  - Probability and Statistics, Linear Algebra, Calculus, VLSI Design
  - Distributed Systems, Computer Communication Networks, Operating System
  - Data Structures & Algorithm, Information Theory, Parallel Processing

- **Final Year Project**

Worked on the Cloud Computing project "Secured and Optimized Solution for Accessing Cloud" which is the sub module of Cloud Data Security. The purpose of this project was to provide SaaS application to user and user store their data in secure and efficient manner. The third-party encryption server i.e. GPGPU was responsible to encrypt the data and store to cloud and decrypt to provide it through web services.

Project Components: GP GPU, OpenCL, AES algorithm, OpenStack Cloud, JSP, MongoDB

- **Research Based Project**

Pakistan National Student Satellite Program (PNSSP), SUPARCO

Developing "_Payload Processing System_" which was a sub module of project "Pakistan National Student Satellite". The core working of this module was to transmit low payload data to ground receivers end in the form of jpeg images from wide and narrow view camera of satellite.

| 2011 – 2012 | Intermediate (Pre - Engineering) |

Adamjee Government Science College, Karachi (Pakistan)

Percentage: 80.27%

| 2009 – 2010 | Matriculation (Science) |

Falconhouse Grammar School Campus-3, Karachi (Pakistan)

Percentage: 85.4%

PERSONAL SKILLS

Mother tongue(s)   Urdu

Foreign language(s)

UNDERSTANDING		SPEAKING	WRITING
Listening	Reading	6.0	6.0
English 6.0	7.0		
IELTs Overall Score	**6.5 Band, CEFR B2 level**		

Organisational / Managerial skills

- Served as _Managing Director_ in IEEE-NED Computer Society from Jan 2015 till Jan 2016, core responsibility was to manage Management, Logistics and Marketing teams and also responsible for booking speakers and promoting for different events.
- Served as _Marketing Director_ in Media Arts and Photography Summit (MAPS) held by NED Photography Society (NPS) from Jan 2016 to Dec 2016. Our team responsibility was to gather the sponsors and to devise the proper marketing strategy for the event.

Job-related skills

General Programming:
C, C++, C#, Java, Python, MIPS assembly

Web Development:
ASP.NET, JavaScript, HTML, CSS, WordPress, PHP

Databases
SQL, PL/SQL, Oracle, MySQL, MongoDB, Apache HBase

Operating Systems
Windows Server, Linux Server (RedHat, Ubuntu, openSUSE)

Platforms:
Dot Net framework, OPEN Computing Language (OpenCL)

Software Packages:
Microsoft Teams, SharePoint, Visual Studio, Office, SOAPUI, MATLAB, Proteus, EasyNN, Packet tracer, Rational Rose, Wireshark etc.

ADDITIONAL INFORMATION

Online Courses
- Python Basics by University of Michigan on Course Era – October 2019
- Information Security: Context and Introduction by University of London & Royal Holloway, University of London on Course Era – September 2019
- Structuring Machine Learning Projects by Deeplearning.ai on Course Era – September 2019
- Project Management: The Basics for Success by University of California, Irvine on Course Era – October 2019

Honours and awards
- Received a Merit-Based Scholarship by Pakistan London Foundation for university studies in my second year of Bachelor.
- Participated in CACHE-2014 and CACHE-2015 of CISD, NEDUET

Certifications
- Certificate in Information Technology (TTC) – July 2010
- Certificate in C Language (Computer Collegiate) – July 2013
- Certificate in Dot net framework 4.5 (SSUET) – September 2014
- Programming and Interfacing of AVR Microcontroller (NED) – July 2014
- Web Engineering Course (NED) – February 2015
- Islamic Code for Trade & Business (IBA-CEIF) – August 2017
- Ethical Hacking Course (NED) – December 2019