

Saman Karim

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Education

BSc Computer Science National University of Computer and Emerging Sciences CGPA 3.61 (Cum Laude)	2013 - 2017
Intermediate (Pre-Engineering) Aga Khan Higher Secondary School, Karachi Percentage: 77.7%	2011 - 2013
Matriculation (Science) S.M.S Aga Khan School, Karachi. Percentage: 81.4%	2011

Skills & Abilities

- | | | | |
|------------------------------|----------|---------|--------------|
| • Java Spring
(Hibernate) | • MySQL | • HTML | • JavaScript |
| • Oracle | • C/C++ | • CSS | • Firebase |
| | • Python | • Redis | • Android |

Experience

ASSOCIATE SOFTWARE ENGINEER | VENTUREDIVE PVT LTD JUNE 2017 – PRESENT

I have been responsible for the development in the Java backend of some large-scale applications. My responsibilities include development of new APIs and maintenance of these projects using technologies like Java Spring.

Professional Projects

VISTAJET INTERNATIONAL SEPTEMBER 2017 – PRESENT

VistaJet is a large-scale application operated worldwide. My main responsibility was to work with a geographically diverse team of software engineers, to deliver software that addresses business needs from our customers, using technologies like Java Spring (Hibernate), Oracle, Redis and Weblogic Server.

AMANNAV FOR AMAN FOUNDATION JUNE 2017 – SEPTEMBER 2017

My main responsibility was to develop an application for a non-profit organization, in order to cater for medical emergencies timely and efficiently. The technology stack included Java Spring (Hibernate), MySQL, Redis and Weblogic Server.

Academic Projects

EYEHOPPE (FINAL YEAR PROJECT) - An android based application to assist blind people in emotion detection using Machine Learning algorithms and Computer Vision.

DATASCIENCE PROJECT – Worked on Fake Review Detection system using Machine Learning algorithms

DATAWAREHOUSING PROJECT Analysis and report generation on superstore sales data using BI tool and AWS.

ON YOUR WAY – Web Application that provides extra map facilities for travelers using Google Maps API.

LIBRARY MANAGEMENT SYSTEM – Web and Desktop application.

RESEARCH REPOSITORY FOR FAST NU – Web application.

Non-Academic Projects

Revamped www.khi.nu.edu.pk for FAST-NUCES as a member of The Web Masters Society (2017)

Developed Coder's cup website as a member of ACM at FAST-NUCES (2015 and 2016)

Achievements

PUBLICATIONS

EyeHope (A Real Time Emotion Detection Application)

Accepted/presented at SAI Computing Conference 2018 (London), to be published in Advances in Intelligent Systems and Computing by Springer Nature.

HONORS/AWARDS

National University of Computer and Emerging Sciences

Cum Laude in BSc Computer Science (2017)

Dean's list awardee (Fall 2013, Fall 2014, Spring 2014, Fall 2015 and Fall 2016)

Runners up in Database Design Competition at IBA Probattle (2016)

Qualified in the ACM ICPC Lahore regional speed programming competition from Pakistan (2015).

Aga Khan University Examination Board

Best subject result in English Compulsory in Sindh and Balochistan in HSSC – I examinations (2012)

Shia Imami Ismaili Tareeqah and Religious Education Board

Winner at speech competition held at regional level (2012)

First position in AKS (Drama competition) in 2010.

Second position in ZAVYA (Drama competition) in 2009.

Winner at Poem writing competition (2007)

SCHOLARSHIPS

Sindh Endowment Scholarship by Education and Literacy department (by Government of Sindh), National University of Computer and Emerging Sciences (2015-2016)

Extracurricular Activities

National University of Computer and Emerging Sciences

Content Head (Executive Committee) at Dramatics and Extracurricular Society (2016-2017)

Web Developer at The Web Masters Society (2017)

Web developer at ACM Student Chapter (2015-2016)

Aga Khan Higher Secondary School

Head Editor at Pinnacle Newsletter, Aga Khan Higher Secondary School (2012-2013)

Volunteer Experience

Member at Nizari Water and Shoes Services (2017 – Present)

Higher Religious Educator at Shia Imami Ismaili Tareeqah and religious education board (2011 – Present)

Assistant unit leader at Ismaili Girls Guide Association (2007 - 2013)

Assistant unit leader at Community Emergency Response Team (2012 – 2015)