

# AHSAN ARSHAD

SOFTWARE DEVELOPER

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## OBJECTIVE

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To pursue my career in **software development** and gain professional experience by working with an established firm.

## WORK EXPERIENCE

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**Engro Corporation – Contract:** June 2016 – Present (expires on 18<sup>th</sup> September 2016)  
SharePoint Developer

**10Pearls – Internship:** June 2015 – August 2015  
Web Application Development using *AngularJS, HTML and CSS*.

## EDUCATION

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2012 - 2016	Bachelors in Computer Science BS (CS), <i>National University Of Computer and Emerging Sciences – FAST Karachi</i>
2010 - 2012	Intermediate, <i>Bahria College Karachi</i>
2008 - 2010	Matriculation, <i>Bahria College Karachi</i>

## FINAL YEAR PROJECT

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**Configurable FYP Management System – PHP, Yii Framework, HTML, CSS, MySQL**  
A workflow based configurable project management system with the ability to change the flow of several activities of the system at runtime.

## PROJECT EXPERIENCES

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- 1) eHealthcare System – PHP, CodeIgniter, HTML, CSS, MySQL**  
A system which allows patients to interact with doctors using private chat, discussion forums, blog posts, appointments etc.
- 2) Medical Store Management System – JAVA, SQL Server**  
A desktop based management system to manage all records of medicines and employees with abilities of restocking notifications, monthly reports and email alerts.

### Other Projects:

- **Central System for Projects – PHP, HTML, CSS, MySQL**
- **Portfolio template**, [ahsanarshad.com/portfolio](http://ahsanarshad.com/portfolio) – *AngularJS, HTML, CSS*
- **Online text editor** ability to export file as pdf – *AngularJS, PHP*
- **AVL Tree Checker** to check AVL tree conditions – *JAVA*
- **Puzzle Bubble** using *Allegro Library in C++*.

- **Security of Software Define Network** used SSL to encrypt the communication between open vSwitch and the SDN Controller – *Mininet to configure SDN*

## SKILLS

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**SCALE:** (5) Best, (4) Good, (3) Average, (2) Below Average, (1) Poor

- Programming:**
- PHP (4) – CodeIgniter (3), Yii Framework (3)
  - JavaScript (2) – AngularJS (3)
  - HTML (4)
  - CSS (4) – Bootstrap (4)
  - JAVA (3), C (3), C++ (3)
  - SharePoint (3)
  - Parallel Programming: OpenMP (2), MPI (2)
  - Hadoop – MapReduce (3)
  - GPU – Cuda (2)
  - SQL (3)
- System:**
- **OS:** Linux (2), Microsoft Windows (4)
  - **DBMS:** MySQL (4), SQL Server (3)
  - **IDE:** NetBeans, Eclipse, Visual Studio, PhpStorm, Dev C++.
- Cloud:**
- Amazon EC2 (3)
- VCS:**
- Bitbucket (4), Github (3)
- UI/UX:**
- Prototyping, Mockups
  - Tools: Balsamiq, Justinmind

## RELEVANT COURSES

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- Cloud Computing
- Software Quality Assurance
- Project Management
- Computer Networking
- Computer Architectures
- Information System Security
- Artificial Intelligence
- High Performance Computing
- Information Retrieval and Text mining
- Design Patterns
- and other elective courses.

## REFERENCES

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Muhammad Rafi

Assistant Professor FAST-NU

Safdar Imam

Senior Developer and Project Lead 10Pearls