



## Syed Saad Ahmed

 (+49) 1590 1147383

 [syedsaadahmed2094@yahoo.com](mailto:syedsaadahmed2094@yahoo.com)

 <https://www.syedsaadahmed.com>

**Location** Schwarzer Weg 7, 56070 Koblenz, Germany

**Nationality** Pakistani

### WORK EXPERIENCE

Feb 2020 - Present

#### Back-End Software Engineer (Working Student)

Envelio, Cologne (Germany) [www.envelio.de](http://www.envelio.de)

**Team: Process, InfraStructure and API**

- Development/Management of Python & Go Microservices and Middlewares.

Feb 2019 - Sep 2019

#### Software Development Engineer

Securiti.ai, Karachi (Pakistan) [www.securiti.ai](http://www.securiti.ai)

**Team: Research and Development**

- Development & Management of Python Microservices and Middlewares.
- Research on cyber security regulatory compliances and frameworks. (GDPR, CCPA, E-PRIVACY)

Dec 2016 - Feb 2019

#### Software Engineer

Gaditek, Karachi (Pakistan) [www.gaditek.com](http://www.gaditek.com) , PureVPN ([www.purevpn.com](http://www.purevpn.com)).

**Team: DevOps/SRE**

- Development, Management of Web application and APIs (Flask,Django)
- Development of Applications for automation and orchestration of Linux and Windows servers using Ansible, Jenkins etc.
- Virtualization on KVMs and Docker Containers
- Infrastructure and application monitoring, visualisation using tools like Prometheus, Grafana etc

Jan 2016 - Dec 2016

#### Junior Research Assistant

High Performance Computing Centre, Karachi-Pakistan [hpcc.neduet.edu.pk](http://hpcc.neduet.edu.pk)

**Team: Research and Development**

- Worked with GP-GPUs programming frameworks (OpenCL & CUDA)
- Network Security Protocols, Cloud Computing framework and Its Security.
- Implementation of Advance cryptographic algorithms like AES in parallel computing architecture.

May 2016 - June 2016

**Intern at ADC (Alternate Delivery Channels) IT Department**

**Meezan Bank Pvt. LTD**, Karachi-Pakistan [www.meezanbank.com](http://www.meezanbank.com)

- Development and Management of Web Application using HTML, CSS, JavaScript, ASP.NET (MVC) and SQL server

May 2014 - June 2014

**Intern at NED University of Engineering and Technology**

**NEDUET**, Karachi-Pakistan [www.neduet.edu.pk/cise/](http://www.neduet.edu.pk/cise/)

- Development of a “**Tablet Counter**” using Digital Logic Design (ICs and sensors). video URL (<https://www.youtube.com/watch?v=UowrpHk5-Sk>)

## EDUCATION & TRAINING

Oct 2019 - Present

**Masters of Science (MS) in Web and Data Science**

**Universität Koblenz Landau**, Koblenz (Germany)

- Web Science, Web Engineering, IT security, Data Science
- Received a “**Successful Start Scholarship**” by International Office.

Jan 2013 - Dec 2016

**Bachelors Of Engineering in Computer & Information System Engineering**

**NED University of Engineering and Technology**, Karachi (Pakistan)

- Distributed Systems, Cloud Computing, Computer Programming.
- Received a “**Merit Scholarship**” by Pakistan London Foundation (PLF)

## JOB-RELATED SKILLS

**General Programming**

- Python, C/C++, Go

**Web Development**

- Python-Flask, JavaScript, HTML, CSS.

**Databases**

- SQL-server, MySQL, MongoDB, Redis.

**Open-Source and Automation Tools**

- Bash scripting, Ansible, Jenkins, Salt-Stack, Dockers, KVM, Git, AWS (EC2, S3, Terraform etc)

**Monitoring and Alerting**

- Monit, Prometheus, Grafana, Telegram.

**Operating Systems**

- Windows, Linux Server (Ubuntu, CentOS)

## ADDITIONAL INFORMATION

### Languages

- **English**  
IELTS C1 Level, Fluent English Speaker
- **German**  
Basic Level (A1)
- **Urdu**  
Fluent, Mother Tongue.

### Sports and Activities

- Table Tennis
- Traveling
- Music (Guitar)