Syed Atyab Hussain

Senior Software Engineer (Team Lead)

⌂ Gulshan-e-Iqbal Block 10A

▢ 0312-2481170   ✉ syed.atyab.hussain@gmail.com

in https://pk.linkedin.com/in/syed-atyab-hussain-81162a99

About Me

Working as a senior software engineer and leading a small team of developers. I have 7+ years of experience in software industry. Following are part of my skill set:

Management Skills:
> Working with product owner and my team to break down requirements into sub tasks and providing valuable feedback in the refinement meetings.
> Conducting technical interviews.
> Introducing new hires to company's engineering processes.
> Mentoring new hires until they get up to speed.

Technical Skills:
> Python, Javascript, Java, Bash, C++ (Programming Languages)
> PyGTK, Django, FastAPI, jQuery, Bootstrap, ReactJS, Spring Boot (Frameworks)
> Working on a Micro web service architecture, Deploying through CI/CD using Jenkins and chef, using Kafka as an intermediate queue between services. (Service Oriented Architecture)
> AWS Lightsail, AWS EC2, AWS Lambda, AWS S3, AWS SNS, AWS SQS, AWS Route 53, AWS Workmail, AWS CloudWatch (Cloud Services)

Education

Bachelor
2010 – 2014 (May)

BS from **FAST University** (National University of Computer and Emerging Sciences) in the discipline of Computer Science.

Masters
2015 – 2019 (Paused)

MS from **FAST University** (National University of Computer and Emerging Sciences) in the discipline of Computer Science.

Professional Experience

TimeXperts Private Limited
2015 – Current

Formerly known as **Workforce Software**

Designation: **Senior Software Engineer**
Nature of Work: Developing **Parallel Software in Python** for ATS Terminals and working on a time and attendance suite that is built using **micro web services, Kafka, Jenkins, CI/CD.** Implementing UI using **ReacJS** and Back End using **Java Spring Boot**.
Technologies: **Python, Java, ReactJS, Shell Scripting, Pygtk, GIT, Perforce**
OS: **Windows or** any Linux distro like **CentOS, Ubuntu etc ...**
Products: **WorkForce Data Collection Terminals & Lighthouse Suite**

BitsWits Private Limited

Designation: **Software Engineer**
Nature of Work: **Web Development** (Backend Developer)
Technologies: **Python, Django, PostgreSQL, SQLite, Mercurial**
OS: **Linux Mint/Ubuntu or** any Linux distro
Products**: BitsAuto , BitsWise, BitsEye, BitsLink**

Contributed in the following Product

BitsAuto: A Process Automation System that is responsible for managing rate sheets coming from vendors related to a specific company, Rate sheet parsing, Clients, Invoices (Creation, Reconcilation etc…), Payment adjustments, Rates, Credit/Debit notes, Call records, Deals, Users, BSR etc… required by a Telecom industry.

Technical Skills

Programming

- Python, Java, Javascript, Bash Scripting, C++ and SQL
- Strong concepts of Object-Oriented Programming (OOP)
- Data Structures and Design Patterns (OOD)
- Inter Process Communication (IPC)

Web Development

- Bootstrap, JQuery, ReactJS (Javascript frameworks)
- Django, CherryPy (Web Development Framework for Python)

Publications

SafePass: Authentication under Duress for ATM Transactions

A Research paper accepted by NCIA and published in IEEE Xplore Digital Library (IEEE Catalog No: CFP1349V-ART, ISBN: 978-1-4799-1288-9).
http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?reload=true&punumber=6714723