Headline:	**Junaid Soomro | Full stack backend heavy engineer** **Python - Nodejs - Reactjs**
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LinkedIn:	https://www.linkedin.com/in/junaid-soomro-063a6a179/
Portfolio:	https://portfolio-414ad.web.app
GitHub:	https://www.github.com/junaid-soomro/ (Most repositories on my GitHub are private - confidential)

Language Skills: English – Fluent Level
Japanese – Basic

Education: Sep 2014 - Dec 2018
Iqra University, Pakistan
Bachelors in Computer Science(Software Engineering)

Qualifications:
- Academic IELTS 7.0

Technical Skills:
- Flask 7/10
- Typescript 7/10
- AWS 8/10
- Openstack 9/10
- Python Django. 9/10
- Kubernetes 8/10
- MYSQL and MongoDB 8/10
- NodeJs with Express. 9/10
- Azure Devops. 8/10
- Bash scripting. 7/10
- Azure service bus integrations. 9/10
- Dynamics365 9/10
- Google suite API integration (gmail, gchat, gdrive) 9/10
- Docker 9/10
- Ubuntu 9/10
- Java 6/10
- Reactjs/Nextjs 5/10
- HTML, CSS 5/10

Professional Summary

- Senior Software Engineer with 7 years of experience in IT, specializing in building performant and scalable server side applications using NodeJs and Python. From designing apps and development to deployment on Azure/AWS virtual machines, CI/CD and Kubernetes is also something that I am quite hands on with.

Professional Experience

July 2024 – Present **Bebit Inc/ Japan**

Product Name: Usergram **Position: Backend Engineer**

Usergram helps its consumers to analyze user behavior for better UX and achieve their revenue or sales goals.
The product also utilizes AI to get a much enhanced user behavior analysis based on the data provided.

Technologies: AWS Athena, AWS Cassandra, AWS EKS, Python, Flask, Linux, LLM integration

- **User intermediate journey:** A service which pulls on user activity history from the database and passes it on to AI to understand why users didn't reach the end goal for e.g. checkout or booked an event etc. The service was built using Python and Flask.
- **Usergram contribution:** Contributed to some small features in usergram product which involved AWS Athena queries, AWS glue jobs, PR reviews etc.
- **Terraform AWS:** All of the AWS resources are managed via terraform repository. Recently I created lambda functions and managed user permissions.

Mar 2022 – June 2024   Cognni/Shieldox, USA
Backend Engineer

Product Name: Cognni - Data classification and Labeling   Position: Backend Engineer

The product manages somewhere between 20 to 30 customers averaging with 500 users in each organization. The product classifies and labels activities of users. The project defined below are standalone services that were supporting the main product and it was a full solo effort.
Technologies: Typescript, AWS, NodeJs, Python, Flask, Azure CI/CD, Service bus and Kubernetes, Linux, MySQL, Mongo, Redis

- **Project Tokenizer:** The responsibility of this project was to classify personal and critical information from information/content that is shared by the users that exist in the customer's organization. Personal information can be SSN, credit card etc. This service receives activities of all the users of an organization and will label them if it found any personal information in the content.
- **Project Gsuite:** Our product was limited to Microsoft only that's when we brought in google. The project integrates and scans for gdrive, gchat and gmail activities in the customer's organization and similarly like Microsoft we started classifying and labeling information from customers who own Google enterprise.
- **Project Risky Users:** As the title itself suggests. Once the product classifies and labels the information. This information is then further analyzed by this project to see and mark any risky users. Risky users are those who do forbidden actions for e.g sharing a file to their personal email or an external organization etc. Emails were also sent out to these users informing them about their activity with a refraining notice.

My roles and responsibilities:
- API design and development of backend applications built using NodeJs and Python.
- MongoDB integration with the service and database query optimization to reduce time, save network costs and test for scalability.
- Partially implemented SOLID principles when creating server applications which hosted several endpoints.
- Built standalone automated server side health monitoring scripts using Flask that had API's for returning their current status.
- Devops work includes; Azure CI/CD for a nodejs service, configuring service busses interaction in Azure with the backend service and service deployments in Azure Kubernetes environment.
- Feature knowledge transfer meetings, project demonstrations, and code reviews.

Nov 2019 –Mar 2022   iVolve Technologies, Pakistan

Product Name: Cloud7/QCloud   Position: Full Stack Engineer

Cloud7 is a cloud orchestration portal backed up by Openstack API's just like AWS. Just like any cloud portal it had cloud resources management screens as well as billing. We didn't had many customers back then because this was a work in progress. We normally had 10 to 50 users.

Technologies: HTML, CSS, Sass, Openstack/GCP, Typescript, Reactjs, Nodejs, Python Django, Docker, Kubernetes, NTOP, Killbill billing, MongoDB

- **MFA Feature:** Integrated openstack MFA functionality in our product with TOTP.
- **Egress Traffic Counter Research:** I researched on how we can track egress/outgoing traffic from the virtual machines that were hosted on Openstack. Came up with a solution called **NTOP.** I then started integrating NTOP with our product to track and bill customers outgoing traffic from vms.
- **PROJECT MS-BILLING:** This project handled invoicing, subscriptions, usage reporting, pricing and SKU management of our cloud portal. Partial implementation of payment gateways were also made.

My roles and responsibilities:

- Created backend applications using ExpressJS which were talking to SQL and MongoDB databases.
- Followed MVC design pattern to create API's on NodeJS.
- Integrated Openstack/GCP API's with Python Django backend server.
- Code reviews.
- Feature demonstration to customers.
- Automation scripting.
- Deploying services to production servers running Kubernetes on AWS.