Saim Akhtar

Backend Developer

A programming enthusiast having distinctive competencies in Node.js and Python Development, backend servers development, scripting, docker, CI/CD, cloud Services and Databases with 3+ years of experience. Strong communication skills with experience on working with remote, resource and project based models with clients. Loves doing open source contributions and learning latest trends in tech world

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Upwork: https://www.upwork.com/o/profiles/users/_~019bf7f118a9c45d71/

Professional Experience

November 2020 -Present
KoderLabs, Karachi – Associate Software Engineer

- Working on backend servers and apis with nest js and flask
- Agile based development

November 2019 -May 2020
Virtuosoft, Karachi – Devops Intern

- Building and working with Docker Images and containers
- Re-factoring cloud functions in Node JS and Python
- Writing Python and Bash Scripts for automation
- Working on Google Cloud Platform and cloud services
- Creating dags and automated pipelines in Airflow
- Building automated pipeline with github repositories

May 2019 - Present
Upwork – Freelance developer

- Developing web apps and backend servers
- Web Scraping, data cleaning and filtering
- Cloud services
- Dockerizing applications
- Automation
- Bug fixing in scripts and testing

- Teaching and guiding as an Instructor

February 2019 - October 2019

Softious Systems, Karachi – JavaScript Developer

- Developing REST APIs using Node JS, Express, MongoDB
- Token Based Authentication , both local and Social OAUTH, using Passport Js and JWT
- TDD (Test Driven Development) using Mocha, Chai
- Developing Web apps using Firebase
- Deployment on Heroku

Projects

Devhub

1. A developer hub where the github users can chat with each other and view other others work, like and comment on different repositories
2. Front end developed using React & Redux
3. Backend end developed using Nodejs, express & MongoDB as a database
4. Chat module implemented using Socket.io

Digital Marketplace

1. A digital marketplace developed using Django
2. Admin will store the books and relevant chapters
3. Users can register and purchase the books they need
4. Payment method implemented using Stripe Api
5. Deployed on Azure and dockerized using docker-compose

Node-OLX

1. An olx like ecommerce website developed using Nodejs, Expressjs, MongoDB
2. Authentication applied using JWT and Passport js
3. OAuth Login with Google

Distributed System

1. A distributed database system implemented using Nodejs, Sequelize, MySQL
2. A master-slave distributed architecture followed

Automating Linkedin

1. A client's project where his linkedin connections are fetched, profile details extracted and saved in google sheets
2. Worked with 1 more team member
3. Automated linkedin search
4. Project implemented using Python, Selenium, Pandas, Numpy

Private Client Project

1. A client's private project about entrepreneur network
2. Developed using Django
3. Worked with 1 more team member

Skills

Programming & Scripting:

➢ JavaScript (ES6)
➢ Python
➢ C++ / C
➢ Bash Scripting

Backend Development:

➢ Nodejs/ Expressjs
➢ Django/Django Rest Framework
➢ GraphQL
➢ Rest APIs
➢ Socket.io
➢ Serverless structures

Databases:

➢ MongoDB (Mongoose)
➢ NoSQL
➢ MySQL
➢ Postgresql
➢ Oracle Database

Data Scraping & Analysis Libraries:

➢ Numpy

- ➢ Pandas
- ➢ Selenium
- ➢ Beautiful soup
- ➢ Requests

Devops Tools & Clouds:

- ➢ Docker
- ➢ Airflow
- ➢ Google cloud platform
- ➢ Firebase, Azure & Heroku deployments

Education

- ❏ **NED University of Engineering & Technology, Karachi**
  Bachelors of Computer Science & Information Technology . 2017–Progress

- ❏ **All Pakistan Memon Federation**
  Web and Mobile Application Development . 2018 - 2019

- ❏ **Bahria College NORE 1**
  Intermediate in Engineering . 2015-1017

- ❏ **PAF Base Masroor**
  Matriculation . 2013-2015

Udemy Course

Created a course for client as Instructor for Complete ES6 JavaScript:

https://www.udemy.com/course/javascript-es6-for-beginners/