

## *Sr. Full Stack Developer*

### PROFILE

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An enthusiastic computer professional with problem solving ability. Happens to gain considerable amount of experience in the field of web development in few years. Always keen to learn and adapt quickly. Appreciates and practices reliability himself.

### TECHNICAL SKILLS

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**Languages:** Ruby, Javascript, PostgreSQL, DSL Queries, Python, html/css, C/C++, Java, Rust

**Frameworks:** Ruby on Rails 6/7, ReactJS

**Software/Platform:** Docker, Redis Cache, ElasticSearch, AWS (including EC2, S3, Lambda, IAM, Opensearch, DyanamoDB, Config), GitHub Enterprise, Capistrano, Linux, BitBucket, Jira, SideKiq, Turbo 8, StimulusJS

**General:** Modular Programming, Object-Oriented Programming, DB Normalization, Multi-Tenancy, APIs Integration, Class-Level Design, Use-case Analysis, familiarity with Agile (Scrum & Kanban), and Waterfall.

### PROFESSIONAL EXPERIENCE

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**Devsinc – Software Engineer** | *Full Stack Web Development*

July 2023 - Present

#### ***Classified - CyberSecurity - Client Project***

- \* Worked with *Qualys API* for Continues Vulnerability Management. Scanning of assets/hosts for vulnerabilities and mitigation of it through patches
- \* Integrated *Halcyon API* for Ransomware Detection and Prevention. Temporary access revoke when ransomware file detected and remains blocked until analyzed/mitigated
- \* Wrote and Modified AWS lambda functions that loads data from third-party detections API, mostly having systemlogs generated from different events occurred on client's machine and put it into PostgreSQL DB, for maintainability, representation and easy retrieval through Rails ORM
- \* Aggregations were being done in rails memory after data load from Elastisearch DB. Hence, reduced memory operations on server by querying and aggregating results directly from ElasticSearch by writing appropriate DSL query, ended up putting less strain and optimising the rails controller
- \* Helped figure and resolve the Bug in configurations being saved on AWS DynamoDB, appropriate Schema adjustments made to avoid overriding the already existing attribute
- \* JSON Parsing, For different type of detections, data acquired from different third-party APIs, data formatting was different, hence, depending upon data's format e.g kv\_format and cef\_format, after deeply analyzing the Data-Format, wrote parsers for all of them
- \* Due to experience in Rails 7, helping team in transitioning the project upgrade from Rails 6 to 7, integration of StimulusJS controllers alongwith Turbo 8 under-process.
- \* Project spans over 1700+ tenants, hence appropriate knowledge of Multi-Tenancy acquired

#### ***ATS Devsinc - Applicant Tracking System - Company's Project***

- \* Made interactive and responsive front-end public pages for job Listings
- \* For a scheduled interview, resolved major issue of no resume attachment on google calender invite, implemented google drive API for explicit download of resume from AWS S3 and stored it into google drive for calendar event to use
- \* Implemented real-time candidate phase change inside a Job board i.e candidate moved from *Applied* to *Shortlisted*. Each recruiter watching the board will see real-time changes happening. Just like JIRA Board
- \* Optimised data enriched pages load time by classifying which data to lazy-load or eager load, wrote optimised queries and used Rails ORM features to achieve this enhancement
- \* For candidates apply page, broken down single lengthy form into multi-step form, complete front-end and back-end validations on submission of each form step
- \* Export CSV over email option for recruiters to download csv file of applied candidates for a Job. Due to large data, made background job for it and pushed email over SideKiq to deliver later, putting less strain on memory.

**Pakistan State Oil - Summer Internship** | *Web & Python, ML*

July 2022 - Sept. 2022

#### ***LIS - Location Intelligent System - Virtual Surveys to a location - Company's Project***

- \* Developed a smart system to use geospatial data and determine ideal fuel pump locations.

- \* Implemented regression and segmentation models to filter bogus pump requests and queries.
- \* Worked with multi-variable data to determine feasibility of using business resources in a specific location.
- \* Collaborated and communicated with a team spanning across Pakistan to deploy the final project.
- \* For robust and interactive analytics after model run in Python, used HTML/CSS alongwith TailwindCSS to show easy to understand results with vibrant design

**Fiverr - Level 1 Seller** | *Web & Software Development*

July 2020 - June 2022

- Providing services in web-development and software development.
- Successfully earned a revenue of more than \$2500 USD
- Attained a rating for 5.0 throughout the orders.

## EDUCATION

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**National University of Computer and Emerging Sciences**

Lahore, PK

*Bachelor in Computer Science,*

*Aug. 2019 – May 2023*

**Related coursework:** Data Structures and Algorithms, Discrete Structures for Computer Science, Object-Oriented Programming and Design, Unix Laboratory, Computer Organization and Assembly Language Programming, Design of Algorithms, Foundations of Computer Science (Honors), Calculus (I & II), Matrix Algebra, Artificial Intelligence, Database Management Systems, Practical and Professional Issues in Computer Science, Introduction to Probability and Statistics, Operating Systems, Computer Networks, Computer Architecture, Programming Languages (Honors), Software Engineering I & II, Fundamentals of Data Science, Information Assurance & Cryptography