

Irfan Imtiaz Munshi

Software/Platform Engineer

Software developer specializing in Erlang/Javascript(Nodejs). Extensive background in full life cycle software development process, including requirements gathering, design, coding, testing, debugging and maintenance. Proven track record of designing and implementing flexible solutions.



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WORK EXPERIENCE

Erlang Consultant/ Web developer

Freelancer

06/2019 - Present

Achievements/Tasks

- Optimizing code and maintenance for various clients available in India and Onsite(South Africa, UAE)
- Debugging and making code patches (MERN)
- Made websites for commercial applications.

Senior Software Engineer

NTT Data

12/2018 - 05/2019

Noida

Achievements/Tasks

- Coding & debugging existing software. Wrote backend scripts in Erlang for payment systems
- This payment system is of Master Card client.

Platform Engineer

Fybr

11/2016 - 07/2018

Bangalore

Achievements/Tasks

- IoT solutions : Writing MQTT interface portal for IBM/SAP/ThingWorx. Exposing APIs for interacting with Data Server.
- GENIUS APP : Writing, designing & implementing backend server development and RESTful APIs for the mobile app. This app is for smart cities like Washington DC, Montreal, etc.
- Pre-aggregator, INSIGHTS APP: Implemented pre aggregator modules for segregating parking, timed payment violations based on hours, weeks and months.
- INSIGHTS APP : Implemented RESTful APIs and backend server development for retrieval of historical data of violations, occupied and unoccupied spaces and data analytics.This app is currently serving cities like Washington DC, Montreal, US State Department of Transportation.
- Vault Security: Written security scripts for Fybr's internal infrastructure development. These scripts are automated on the server to handle user management.



SKILLS

Erlang/OTP

Elixir

Javascript

MERN

Reactjs

NodeJS

Linux

Git

Express

Erlang

Java

RabbitMQ

Ejabberd

XMPP



PERSONAL PROJECTS

Github Search Engine

- Search github users

THS_X (10/2024 - 11/2024)

- Social App

DC-InfraSight Dashboard
(11/2024 - 12/2024)

- Manage & Maintain GUI for data centers
- Includes alerts, notification, ticketing service for equipments



EDUCATION

B.Tech Computer Science
Visvesvaraya Technological University

06/2006 - 06/2010

PG Diploma in System Software Development

C-DAC: Centre for Development of Advanced Computing

06/2011 - 12/2011

Courses

- C , C++, Device Driver Programming, Linux device driver



WORK EXPERIENCE

Software Engineer

Chaatz Ltd

01/2015 - 07/2016

Hong Kong

Achievements/Tasks

- ChaatzLite: Writing & developing REST API for e-Wallet chat application. Written code for version controlling which reduces the download file size and also have implemented many REST APIs.
- Leaderboard, Game Server Development: The development and design of REST API request handling from the client side. The entire backend handles huge quantity of request from the client side and stores the data in Mnesia & Elasticsearch database. Elasticsearch client is used to perform querying the elasticsearch database. Statistics can be observed from elasticsearch by querying through APIs.
- Chaatzberd : Chaatzberd is chaatz customized chat application written using ejabberd/ xmpp. Many customised modules (gen_mod)are written to handle ejabberd events. Currently Chaatzberd has more than 400k users worldwide.

Software Engineer

Pyro Telecommunications Ltd

02/2012 - 01/2015

Hyderabad

Achievements/Tasks

- BMS (Bulk Messaging Service): Bulk Messaging Platform is a robust and flexible bulk SMS push tool, which allows users to create SMS push campaigns and monitor the ratio of messages delivered successfully at the same time.
- TrakUrMate (Mobile Chat Messenger): Pyro's successful very own branded Chat Messenger 'Trak Ur Mate', also known as TUM.
- MIB/CVPS-Cum-CG: The CVPS-CG takes consent for final confirmation for which the user has subscribed the service. The CVPS acts as a broker between SMSC and the ESME for all the transactions taking place.
- Financial Transaction Hub(FTH): Implemented and maintained the application which is the backbone of the FTH application and the application is integrated with the banking sector. The backend modules of FTH provide services of authentication, matching capability service and account balance in order to perform a transaction.



EDUCATION

MERN Full Stack

Development

The Hacking School,
HYderabad

06/2024 - 11/2024

Courses

- MongoDB, Express JS , React JS , Node JS



CONFERENCES & COURSES

Erlang OTP (Beginner)

Erlang Solutions, London (UK)

- e-learning



INTERESTS

Reading Books

Outdoor Games