


Kamil

India

I am a software developer with more than 10 years of experience in developing web backend services in Java and Python Based tech stacks. My Strongest Skills are Java, Python and Angular. I am very passionate about defect free software. I co-invented an algorithmically strong patent. I am very flexible with different technologies and methodologies. I am a quick learner and adapt to new environments quickly.

 Technical Skills

This developer passed 5+ hours of rigorous vetting for the following skills:

Python

★★★★★

4 years

Java

★★★★☆

10 years

Angular JS

★★★★★

3 years

Software Development

★★★★★

1 year

Redis

★★★★☆

1 year

C

★★★★★

1 year

Git

★★★★☆

4 years

MySQL

★★★★☆

1 year

Angular

★★★★★

3 years

SQL

★★★★☆

3 years

Docker

★★★★★

1 year

Angular 2+

★★★★★

1 year

REST/RESTful APIs

★★★★☆

C++

★★★★★

1 year

HTML

★★★★★

1 year

Data Engineering

★★★★☆

1 year

AWS

★★★★★

1 year

Spring Boot

★★★★☆

1 year

Django

★★★★☆

1 year

JavaScript

★★★★☆

5 years

QA

★★★★☆

11.3 years

Bash

★★★★★

DevOps

★★★★★

Additional skills:

Jasper Reports | 1 year

JSON | 1 year

SOAP | 2 years

XML | 1 year

Shell Scripting | 2 years

Design Patterns | 1 year

MongoDB | 1 year

Haskell | 1 year

Kubernetes | 1 year

ExtJS | 2 years

VPN | 11.3 years


Packer | 11.3 years

Web API | 11.3 years

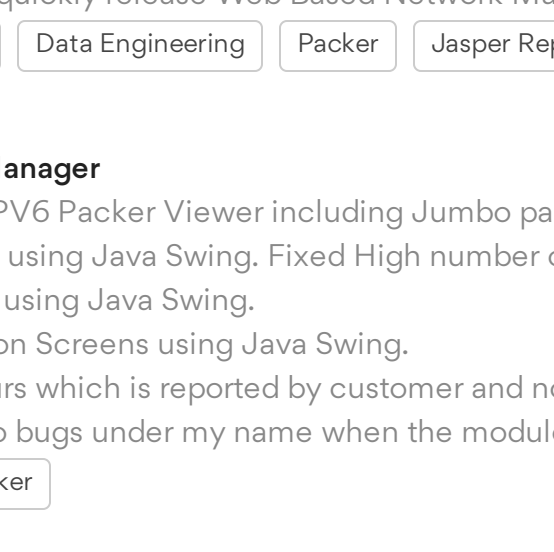
SSH | 11.3 years

Access | 1.3 years

RMI | 1.2 years

 Soft Skills

Here is a breakdown of the developer's vetted soft skills:



A radar chart with five axes: Project Impact, Engineering Excellence, Communication, People, and Direction. The chart shows a blue pentagon with values ranging from 1 to 10 on each axis.

Project Impact

Can own features

Engineering Excellence

Has good coding/debugging/testing skills

Communication


Can understand and can clarify the tasks if necessary

People

Can work with other people in the team to unblock themselves

Direction

Can make suggestions to improve the code

 Work History

Freelance Developer

April 2019 - Present

3 yrs 9 mos

MaxMoney Sdn.Bhd

Led a team of 3 software engineers, delegating tasks in weekly sprints and running daily standups

Worked closely with UX team, Business Managers to strategize products

MaxMoney API

https://api2-staging.maxmoney.com

Developed API for Maxmoney money remittance and exchange service Integrated with third party Money Remittance Service (m-Remit) by developing a micro service Integrated with third party Payment Service Provider (FPX) by developing a micro service.Integrated with umobile payment serviceIntegrated with Earthport Payment Service Provider (acquired by VISA)

Managing complete project life cycle

Python

Java

MySQL

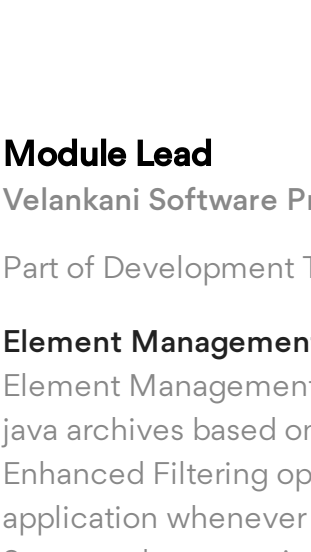
AWS

AngularJS

Angular 2+

Angular

Screenshots (1)



MoneyBox

Point of Sale Solution for Money Exchange Shops

Designed and Developed the entire system with a team of 3 members

Developed Audit Log Module

Developed Trial Balance, Profit Reporting Modules

Fixed all synchronous issues

Made sure all the calculations are accurate since it is a financial applications

Handled all developmental activities from Design to Deployment

Java

MySQL

Git

Third Party Integration

Integrated with umobile mobile application server (https://www.u.com.my/) for payment remittance and money exchange service

Implemented Paseto based Web Security Authentication

Integrated with Bayo (https://bayo.my/) for payment remittance

Integrated with wavecell (https://wavecell.com/) for sending sms.

Integrated with Zeptoex (https://www.zeptoexpress.com/my/) for Currency Delivery

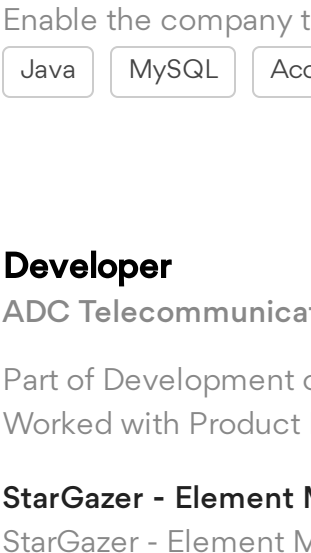
Expanded the money remittance and money exchange service to customers of umobile and bayo

Java

MySQL

Angular

Screenshots (1)



EarthPort Integration

Integrated with EarthPort (acquired by VISA) for Money Remittance across the globe.

End to End Development activity is undertaken single handedly

Data transfer happens SOAP over XML

Implemented Echo Service, Authentication Service, Payout Transaction Service, Beneficiary Management Service, Rate Management

Enable the company to remit money across the world

Java

Risk Analysis Engine

Risk Analysis of Money Exchange and Money Remittance customers according to the specification of Bank Negara (Central Bank of Malaysia).

It has three parts. Part 1 - Compliance Officer of the company should be able to configure the points for each Configuration items Like Face to Face transaction, No of Branch visits, No of visits to different branch, Total Sale amount, Total Buy Value, Sell Value and Remitted Value. Part 2 - Just before the transaction Risk Analysis Engine would calculate the risk score of the customer taking current transaction into consideration and inform the teller or manager of the store about the risk of the transaction. Part 3 - In case of risk points exceeds certain preconfigured limits set by the Compliance officer, automatic notification will be sent to the Bank Negara. Part 4 - Periodic update of Political Exposed Persons from the databases owned by the international agencies. Part 5 - Purge transaction histories after certain periodic interval.

Transactions of the Political Exposed Persons (PEP) is handled as per Regulations by the Central Bank.Notification of the transactions in case of breach of risk points.Anti Money Laundering Complaint.

Spring Boot

Java

Jasper Reports

MySQL

Haskell

Member Technical Staff

December 2007 - March 2019

11 yrs 3 mos

Juniper Networks

Part of Development of Security Management Software.

Worked Closely with Product Managers, UX team and business managers to strategize product design and implementation

Interviewed 100+ students in Campus Recruitment Drive in Premier Indian Institutes

VPN Monitoring

VPN Monitor Led a team of 4 engineers in building VPN Monitoring system Developed Web API backend using Python. Used MySQL for data storage. Developed Backend implementation in Python. Periodic Polling of devices is implemented using netconf over ssh. Listen for Interrupt notifications from the devices when the tunnel interface is down or up. Developed User interfaces using AngularJS. Customers could able to monitor the VPN tunnel statuses Real time. Customers could see the historical statuses of the individual vpn tunnels. Purge option is provided to purge historical data after pre-specified period. EMail Alerts are sent when the important tunnels are going down. With this implementation basic monitoring solution is provided on top of the configuration management system.

Python

Docker

Redis

MySQL

Git

AngularJS

JSON

SSH

VPN

Angular

SQL

Security Director

Developed Policy Priority Screen using ExtJS Developed LogViewer for viewing syslogs. Provided Column Filtering and Row Filtering. Developed IPV4 and IPV4 Packer Viewer screens using ExtJS. Dynamic Report generation using Jasper reports based on User Configuration. Quick turn around of Problems reported by the QA Team.

Company was able to quickly release Web Based Network Management System

Java

Shell Scripting

Data Engineering

Packer

Jasper Reports

QA

ExtJS

Netscreen Security Manager

Developed Alarm Management Screens in HTML/Java Script. Developed Performance Management Configuration Screens using Java Swing. Fixed High number of back log bugs. Developed Configuration Screens using Java Swing.

Enhanced Configuration Screens using Java Swing.

Fixed a bug in few hours which is reported by customer and not solved by other developers for few weeks. Made sure zero bugs under my name when the module is released to the customer.

Java

MySQL

Packer

Packer Capture - Micro Service

Led a team of 4 member team in building packet capture micro service with python as backend. Defined API for the management station to query the data. Implemented Purge and backup of Packet captured in the network. Implementation of Configuring device to capture the packets and send back to the management station under specific conditions.

Enabled Network Management station to configure devices for packet capturing.

Python

MySQL

Module Lead

October 2006 - December 2007

1 yrs 2 mos

Velankani Software Private Ltd

Part of Development Team of Element Management Software outsourced by Occam Networks.

Element Management System for Occam Networks

Element Management System. Enhanced RMI based Device Management. Dynamic Class Loading of java archives based on the version running in the device. Developed User Interface in Java Swing. Enhanced Filtering options in Event Viewer. Developed scripts to modify the classpath of the java application whenever new version is released.

Supported new versions of the Devices. Older versions of the software running in devices need not be upgraded since dynamic class loading is enabled.

Java

Software Development...

RMI

Senior Software Engineer

June 2005 - October 2006

1 yrs 4 mos

Meru Networks

Part of Development of Management Station for managing wireless access point and Controllers. Actively participated in development of Performance and Alert Management System

EzRf - Element Management System

Developed Element Management System for managing Access Points and Controllers. Developed User Interface for Event Management. Filtering of Access Points based on User configuration. Bundled predefined configuration like location, campus, building, version etc. ant script for compiling and building the software. Developed Monitoring screens like throughput, cpu usage etc.

Enable the company to release it's first element management system in 6 months time

Java

MySQL

Access

Developer

March 2004 - May 2005

1 yrs 2 mos

ADC Telecommunications

Part of Development of Element Management System.

Worked with Product Line Manager to implement new features both in Back End and Front End

StarGazer - Element Management System

Led a team of 4 member team in building packet capture micro service with python as backend. Defined API for the management station to query the data. Implemented Purge and backup of Packet captured in the network. Implementation of Configuring device to capture the packets and send back to the management station under specific conditions.

Enabled Network Management station to configure devices for packet capturing.

Python

MySQL

Software Engineer

September 2003 - March 2004

6 mos

NMSWorks Software Ltd

Project at NMSWorks Software Ltd

Project Officer

January 2000 - September 2003

3 yrs 8 mos

Industrial Consultancy and Sponsored Research, IIT

Part of Development team

Developed Web Based screens for Alerts and Performance management

CygNET - Element management System

Developed Alarm Management Screens in HTML/Java Script. Developed Performance Management Screens in HTML/JavaScript. Developed SNMP Agent for corDECT Devices. Wrote Shell Scripts for Backup of files from corDECT devices to the Management Station. Developed Report screens including calendar using Java Swing.

Implemented the entire solution in IDRBT (Industrial Development and Research Banking Technology) and provided customer support.

Java

Shell Scripting

HTML

JavaScript

SNMP Module for Round Trip Time

Extended the MIB

Used traceroute to calculate the round trip time.

User can configure the source and destination by sending SNMP Set commands.

User can query the corresponding SNMP Object Identifier(s) to calculate the round trip time between source and destination.


User can configure multiple sources and single destination.

User can configure multiple destinations and single source.

User can configure multiple source and destinations.

Extension of Cygnet MIB

C

 Education

June 1995 - May 1999

Madurai Kamaraj University

B.E Computer Science And Engineering M.Sc Computer Science

June 2019 - May 2021

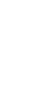
Central University Of Tamil Nadu

M.Sc Computer Science

2010

Determining Reorder Commands For Remote Reordering Of Policy Rules

<https://patents.justia.com/patent/8429255>



Other certifications & awards

2021

Graph Theory - IISER Pune - Silver Medal

2020

Descriptive Statistics With R - Gold Medal - IIT Kanpur

2020

Number Theory - IIT Bombay - Silver Medal

2020

Discrete Mathematics - IIT Madras