Pranav Kapoor

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Profile

- A successful Software developer with experience in **JAVA 8**, **NODE, Flutter** and **Python**
- Pro-actively keep my source code updated on GitHub - https://github.com/pranavkapoorr
- Keeps up to date with latest technologies for example, FAAS
- An enthusiastic and hard-working individual, highly motivated who strives for challenges, and is dedicated to complete tasks to the best of my abilities
- **I am eligible to work in CANADA.**

Summary of Employment

Date	Position	Company	Responsibilities
June 17 To Present	Sr. Software Engineer	Valitor	- Development of IPS-Link Server & Valitor Link Local payment solutions using Java - Concurrent programming using AKKA (Java) - Web Development using Spring Boot MVC, AngularJS - Agile workflow tracking using JIRA - Development of test interfaces using Java (SWING) and Python - Test Driven developments using JUnit - Source Control using Bit-Bucket and Jenkins
March 17 To May 17	Java Developer (Operations)	Travel Fusion	- TF-XML API Management - HTML, JSON, XML Scraping - C5 Framework for Integration - Java 8 - Hibernate Framework - Troubleshooting bugs in Framework/Integrations - Highly Scalable/Available and Distributed Systems
Jan 17 To March 17	Software Developer (part-time)	Global Parts Ltd.(UK)	- Development of desktop applications (Java-swing) as and when required - Maintenance of inflow and outflow of data - Website maintenance
Jan 16 To Nov 16	IT Consultant	Navin Associates Pvt Ltd. (**PIAGGIO**) (India)	- Desktop Applications development in (Java-swing) - Management of clients and their requirements using self developed software - Maintenance and optimisation of website - Design and setup of effective networks - Troubleshooting - Web Designing in HTML/CSS, BOOTSTRAP - Interactive UI/UX using JQuery - Web Development using Java Servlet, Java Server Pages, AJAX - Spring, Hibernate JPA(ORM), Spring MVC - Testing the codes using various testing techniques

Date	Position	Company	Responsibilities
Dec 13 To Sep 15	Sr. Executive(Management Information System)	AVER EXIM (P). LTD.(India)	• Desktop Applications development in (Java-swing) • Database Management using developed software(MySql) • Data Identification, Data Collection & Data Analysis using above software • Resolving Business & IT issues • Handling accounts and Authorisations • Training new trainees • Project management of LAN configurations and • infrastructure networks • Managed data

Education

2016   Diploma in Adv. Java, C/C++ – GTB Computer Education
2016   IT Management course – Stratford University, USA
2014   B-Tech, Computer Science & Engineering – Rayat Bahra Institute of Engineering and Nano-Tech, India
          Affiliated to PTU **(UK NARIC approved)**
2010   CBSE (12th) Central Board of Secondary Education

Projects – Main Highlights of the Year

2018   **VALITOR-LINK Local**

Environment: JAVA 8

Tech: AKKA, Log4J
Description: It is a Java based multithreaded service that acts as the link between the EPOS screens at the merchant till and their respective ped (payment devices). It is a TCP socket service which accepts an "**IPS protocol**" messages in the form of "**Json**" string and in-turn triggers a function on the ped. This is a localised version of IPS-Link which sits in the EPOS machine. The payment device is connected to same machine via usb or serial connection.

2017   **IPS-LINK** v2

Environment: JAVA 8

Tech: AKKA, SQL-Lite, Log4J, Angularjs, SpringBoot, Spring-MVC, Ajax
Description: It is Java based multithreaded service that acts as the link between the EPOS screens at the merchant till and their respective ped (payment devices). It is a TCP socket service which accepts an "**IPS protocol**" messages in the form of "**Json**" string and in-turn triggers a function on the ped. This is a server version and for this solution, payment device is connected via ethernet.

2016   **Pikagram**

Environment: Web Application (Java 7)

Tech: JSP, MySql, Apache Tomcat 7, JQuery, Ajax, HTML/CSS, Bootstrap 3
Description: This application is Java based WebApp which uses JSP for server side with MySql RDBMS.

2016   **Social-Hub**

Environment: Web Application (Java 7)

Tech: Spring-MVC, Spring-Core, Hibernate-JPA, MySql, JQuery, Ajax, HTML/CSS, Bootstrap 3

Description: This application is Social platform developed in Java using Spring Framework: Core for managing Dependency Injections and MVC for structuring the application.

2016   **Pay-View**

      Environment: Java 7

      Tech: Java-Swing, Java-Awt, JDBC, MySql, XAMP
      Description: This project is a desktop application built using swing and awt packages of Java. For database, MySql is used. This app generated the payroll of the employees.

2015   **Society Camera Utility** (OSPF explained)

      Environment: GNS/Packet Tracer

      Description: This project was based mainly on the network routing protocol named **OSPF**. Various Bank Branches (**LANs**) were interconnected in a particular cluster (LAN), **VLAN** was used to put restrictions in LAN. Other security measures were also shown and implemented using access lists i.e. **ACLs**.

2014   **Network Address Translation(pat) & RIPv2**

      Environment: GNS

      Description: This project was based on basic **Networking terminologies**. The project shows the **Port Address Translation** using the **routing information- Protocol version 2**. **PAT** is a **Network Address Translation** technique in which the packet sent from all the nodes and the routers in LAN through a single **private IP** address but with different ports hence hiding the information of the LAN Network.

2012   **Global Internet Model**

      Environment: CISCO Packet Tracer V 7.5

      Description: This project was based on the basic networking concepts like **routing and switching**. Different routing protocols like **OSPF< RIPv2 and EIGRP** were used to provide **routing** between various LANs. Other terminologies used were **ACL, DHCP, VLAN**, etc.

      This project was emulated using **CISCO Packet Tracer** which shows the where communication among various geographic location are.

2011   **PK'Z Muzite**

      Environment: HTML

      Description: It was a static music website in which many audio and video clips were embedded using their respective codling to make it look dynamic.

Additional Skills

- **Operating Systems:** MS-Windows All Versions, Windows-10, Mac OS, Linux, IOS, Android OS
- **Data base:** MySQL, Oracle, SQL-Lite, Fire-Store, MongoDb
- **Web Technologies:** HTML/ CSS, JavaScript, AngularJS, Angular2, JQuery, Boot-Strap 4, Java Server Pages, Servlets, Spring-Web, Express, Play, Flask, Akka-Http
- **Programming languages:** Java 7/8, Python, dart, Node, C, C++, C#, COBOL, shell, Scala
- **Containers:** Docker
- **Source Control:** Git, Bit-Bucket, Jenkins
- **Frameworks:** Hibernate-JPA(ORM), Struts-2(MVC), Spring-Core, Spring Boot, Spring-MVC, SWING, AWT, AKKA, Flutter (IOS+ANDROID), Express, Angular, Play, Socketio
- **FaaS:** Firebase, Heroku
- **Languages:** Native speaker in Hindi, Punjabi; Business fluent in English
- **Others:** Computer hardware troubleshooting, transmission media, TCP/IP model, OSI model, Network devices, IP addressing, Sub netting, Super netting, Routing<static, dynamic-using distance-vector/link-state/hybrid protocols, default>, VLAN, ACL, NAT

References

Available on request.