**Pranav Kapoor**

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| *1665 Clark Blvd, Milton L9T 5Z6, ON CANADA*  *Mobile:* ***(647)633-7891*** *Email:* [***pranavkapoorr@gmail.com***](mailto:pranavkapoorr@gmail.com) | | | |
| **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** |

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| June 17 To Present  March 17 To May 17 | Sr. Software Engineer  Java Developer (Operations) | Valitor  Travel Fusion | * 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 * 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 |

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| **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. |

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| 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 | |

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| **References** |
| Available on request. |