**Supratik Mondal**



B-504,Crystal Corner,Chikhali,Pune, India.

**Contact No : +91 9903705403E-Mail :cs.supratik@gmail.com**



**Objective :**

To accomplish my goal as a successful professional by associating myself with an organization that provides a challenging job in Software Development to update my technical skills and knowledge in accordance with latest technology and a dynamic career growth.



**Profile :FullStack Software Engineer with Java, Python, Spring Boot, Hibernate, Angular**

* Ability to take full ownership of assigned Task.
* Experience of multiple Projects within an Agile Development environment.
* Experience of, and interest in, working with Open Source Technologies.
* Passion for working on out of the box innovation ideas, contributing to R&D.



**Technical Expertise:**

* **Programming Language:**Python 3.6, Java 8.
* **Framework Used:**Spring Boot, Hibernate ORM, Angular 7.
* **IDE used :**Eclipse STS, PyCharm
* **Development skills:**Experience in Developing Server side Backend API with Java, Spring Boot, PostgreSQL. Experience in adding new UI feature and UI Bug fix in frontend technologies using Angular 7, Bootstrap CSS, TypeScript, Javascript, HTML5.
* **Testing Tools used:**PyTest, JUnit.
* **Bug reporting tool used:**Bugzilla, JIRA.
* **Operating System:**RedHat Enterprise Linux, Windows 2012/2016 Server
* **Database:** PostgreSQL 11**,** Oracle 18c, Microsoft SQL Server.
* Good knowledge of Storage Technologies, NAS, SAN, NDMP, FC, Backup and Restore, Data Protection, Data Replication, High Availability, Zoning, Windows 2016 Server Backup, VMWare.
* Havegood knowledge in Agile Model, JIRA,Perforce, Computer Networking (TCP/IP, OSI Layer concepts),Linux/Unix Commands, Angular 7, Java Hibernate ORM, Spring Boot.



**Work Experience:**

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| **Company** | **Designation** | **Service Period** |
| Dell | Software Quality Engineer 2 | 10 Apr 2017 – Present |
| Infosys Ltd. | Test Engineer | 1st Dec 2014- 31st Mar 2017 |

**Project Experience:**

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| **Company** | **:** | DELL |
| **Project Name** | **:** | DPA Web Application development |
| **Duration** | **:** | Jun 2019 – Present |
| **Client** | **:** | DELL EMC |
| **Project Abstract** | **:** | Dell EMC Data Protection Advisor is an enterprise level, integrated data and information management solution to unify and automate monitoring, alerting and reporting across your data protection software and storage environments, including on-premises and cloud. |
| **Tools Used** | **:** | Angular 7, Bootstrap 4.4, NodeJS, RxJs 6.5, Webpack 4.41, TypeScript 3.7, HTML5, CSS3, JavaScript, PostgreSQL, Java 8, Spring Boot, Hibernate |
| **Responsibility** | **:** | * Developing Server side Backend API with Java, Spring Boot, PostgreSQL. * Developing CRUD Rest API. * Porting legacy code into latest framework with Angular 7 Single Page Web Application Development Model. * Developing Frontend specific functionalities using various technologies e.g. Angular 7, Bootstrap, TypeScript, Javascript, etc. |

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| **Company** | **:** | DELL |
| **Project Name** | **:** | EMC DataDomain integration testing with Commvault 11 |
| **Duration** | **:** | Sep 2018 – Oct 2019 |
| **Client** | **:** | DELL EMC |
| **Project Abstract** | **:** | Commvault software platform is an enterprise level, integrated data and information management solution supporting all major operating systems, applications, and databases on virtual and physical servers, NAS shares, cloud-based infrastructures, and mobile devices.  EMC DataDomain is an inline deduplication storage system.  This project integrates DataDomain with Commvault to work as IntegratedStorage Solution for Data Backup Restore, Disaster Recovery, VMware VM Image protection, Cloud Storage Integration. |
| **Protocol Used** | **:** | BoostFS, NDMP, CIFS, NFS, FC |
| **Responsibility** | **:** | * Automation of Storage Solution Test Cases using Python 3.6, PyTest, Paramiko. * Involvement in Automation Framework Development. * Data Backup/Recover from various File System Clients like Windows 2012 Server, RHEL 7 Server, SLES 12 Server and store to DataDomain Storage using Commvault Simpana. * Identify and test various Data Backup/Restore Scenario and migrate data from Primary Storage (NAS Storage) to Backup Storage (DataDomain). * Backup all VM Image Clients from VMWare vCenter and Rebuild/Restore individual VM Clients in case of VM Crash. * Migrate backup data to Cloud Providers like ECS, AWS, Azure. |

**Project Experience:**

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| **Company** | **:** | DELL |
| **Project Name** | **:** | EMC DataDomain integration testing with Veeam 9.5 |
| **Duration** | **:** | Jan 2018 – Aug 2018 |
| **Client** | **:** | DELL EMC |
| **Project Abstract** | **:** | Veeam 9.5 is a data protection platform that caters to backup, disaster recovery and intelligent data management software for virtual, physical and multi-cloud infrastructures. EMC DataDomain is an inline deduplication storage system.  This project integrates DataDomain with Veeam 9.5 to work as complete solution for Data Backup Restore, Disaster Recovery etc. |
| **Protocol Used** | **:** | CIFS, NFS |
| **Responsibility** | **:** | * Designing, Developing, Reviewing and execution of Test Cases. * Data Backup from VMware vSphere Server and store to EMC DataDomain Storage using Veeam 9.5. * Identify and test various VM Crash/Recovery Scenario and migrate data from Backup Storage (DataDomain) to multi Cloud infrastructure. * Involvement in Automation Framework Development. |

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| **Company** | **:** | DELL |
| **Project Name** | **:** | EMC DataDomain integration testing with MS SQL SERVER 2017 |
| **Duration** | **:** | Nov 2017 – Jan 2018 |
| **Client** | **:** | DELL EMC |
| **Project Abstract** | **:** | MS SQL SERVER is a database product from Microsoft. It is a Relational Database Management System (RDBMS). This project integrates DataDomain with MS SQL SERVER to work as IntegratedStorage Solution for Database Backup and Recovery. Also testing the latest functionality of MS SQL Server installation in RHEL 7.4 Linux and generating large database data for backup/recovery testing. |
| **Protocol Used** | **:** | NFS, CIFS |
| **Responsibility** | **:** | * Designing, Developing, Reviewing and execution of Test Cases. * SQL Database Backup/Recover from various File System Clients like Windows 2012 Server, RHEL 7 Server and store to DataDomain Storage using MS SQL Server/SSMS native backup/restore capabilities. * Testing the DataDomain data protection features over newly introduced MS SQL Server on RHEL 7.4 * Migrate backup data to various Cloud Providers like ECS, AWS, Azure, Virtustream. |

**Project Experience:**

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| **Company** | **:** | DELL |
| **Project Name** | **:** | EMC DataDomain integration testing with Oracle 18c Database Server |
| **Duration** | **:** | Jun 2017 – Oct 2017 |
| **Client** | **:** | DELL EMC |
| **Project Abstract** | **:** | Oracle 18c is a database product from Oracle. It is a Relational Database Management System (RDBMS). This project integrates DataDomain with Oracle 18c Server to work as IntegratedStorage Solution for Database Backup and Recovery. |
| **Protocol Used** | **:** | NFS, CIFS |
| **Responsibility** | **:** | * Designing, Developing, Reviewing and execution of Test Cases. * Automation of Storage Solution Test Cases using Python 3.6, PyTest, Paramiko. * Involvement in Automation Framework Development. * SQL Database Backup/Recover from various File System Clients like Windows 2012 Server, RHEL 7 Server and store to DataDomain Storage using Oracle 18c native backup/restore capabilities. * Testing the DataDomain data protection features with various Database workloads. * Migrate backup data to various Cloud Providers like ECS, AWS, Azure, Virtustream. |

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| **Company** | **:** | DELL |
| **Project Name** | **:** | EMC DataDomain integration testing with EMC CTA |
| **Duration** | **:** | April 2017 – May 2017 |
| **Client** | **:** | DELL EMC |
| **Project Abstract** | **:** | EMC CTA (Cloud Tiering Appliance) is software that automates data migration, tiering, and archiving for files based on policy controls.  EMC DataDomain is an inline deduplication storage system.  This project integrates DataDomain with CTA to work as complete solution for Data Archiving based on various Policies. |
| **Protocol Used** | **:** | CIFS |
| **Responsibility** | **:** | * Data migration, archive from NAS systems like EMC VNX to EMC DataDomain Storage Solution. * Designing, Developing, Reviewing and execution of Test Cases. * Identify and test various Data Tiering Scenario and migrate data from Primary Storage (VNX) to Archive Storage (DataDomain). |

**Project Experience:**

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| **Company** | **:** | Infosys Limited |
| **Project Name** | **:** | Firco Continuity Automation Project |
| **Duration** | **:** | April 2016 – Feb 2017 |
| **Client** | **:** | One of the biggest multinational banking and financial services company. |
| **Project Abstract** | **:** | Firco Continuity is a real time watch list filtering solution designed to ensure compliance and detect and block transactions including listed parties. This Web application ensures that the payments/transactions are not part of any Terrorist Activity. Only those transactions will be processed further which are approved by this application. Automation of various pattern matching activity within each banking transaction and detecting expected hit words from each banking transaction. |
| **Responsibility** | **:** | * Understanding and analyzing the Business and Software Requirements Specification documents. * Working with clients and providing daily status and updates regarding the project. * Designing, Developing, Reviewing and execution of Automation test scripts. * Experience in Data Driven testing, cross browser testing using Selenium WebDriver ,Core Java, Cucumber, Junit. * Correction/ Modification of test scripts based on Change Requests. * Involvement in Automation Framework Development. |

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| **Company** | **:** | Infosys Limited |
| **Project Name** | **:** | Payments Backend System Validation Automation Project |
| **Duration** | **:** | Jan 2016 – March 2016 |
| **Client** | **:** | One of the biggest multinational banking and financial services company |
| **Project Abstract** | **:** | Payments are validated in Database after they are approved by Global Pay Plus (GPP) Web Application. Automation of Database validation to ensure payments are reflected in all the expected database tables after they are approved by GPP Application. |
| **Responsibility** | **:** | * Understanding and analyzing the Business and Software Requirements Specification documents. * Designing, Developing, Reviewing and execution of Automation test scripts in Java. * Developed Automation framework for JDBC (Java Database Connectivity) and download XML files from Database, Parsing of XML files and compare data from XML with Data extracted by SQL query from multiple Database tables using Java. * Correction/ Modification of test scripts based on Change Requests. |

**Project Experience:**

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| **Company** | **:** | Infosys Limited |
| **Project Name** | **:** | Mainframe Application Automation and Log file validation Project |
| **Duration** | **:** | April 2015 – Dec 2015 |
| **Client** | **:** | One of the biggest multinational banking and financial services company |
| **Project Abstract** | **:** | Automation of Data comparison and validation Test Cases of various log files generated at the time of banking transactions. Automation of End to End Test Cases of logging in to Mainframe application, send input data to Mainframe Application, copy Data from Mainframe Application and compare with log files. |
| **Responsibility** | **:** | * Designing, Developing, Reviewing and execution of Automation test scripts in Java. * Developed Automation framework using Java Robot class to automate Mainframe applications. * Correction/ Modification of test scripts based on Change Requests. |

**Internship Experience:**

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| **Company** | **:** | Ixia Technologies |
| **Internship Type** | **:** | Paid Internship (15000 INR per month) |
| **Duration** | **:** | 6 months (Dec 2013 – June 2014) |
| **Role** | **:** | Involvement in SMB2 protocol specific TCP packet preparation using C programming, Parsing of response packets from server. Client Server setup management between various Linux OS and Windows OS for NFS and CIFS protocol. Writing Test cases and running test on IxLoad. |



**EducationalDetails :**

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| **Sr.No** | **Course** | **Name of Board/University** | **Year** | **Percentage** |
| 1. | Secondary | W.B.B.S.E | 2005 | 77% |
| 2. | Higher Secondary | W.B.C.H.S.E | 2007 | 67% |
| 3. | B.Tech (C.S.E) | W.B.U.T | 2007-2011 | 8.02 (DGPA) |
| 4. | M.Tech (C.S.E) | W.B.U.T | 2012-2014 | 8.21 (DGPA) |



**Linguist proficiency**

* English
* Bengali
* Hindi



**Hobbies& Interest**

* Product Concept Design
* Technology News and Entrepreneurship News.



**Personal details :**

Father's Name : K.S. Mondal

Date of Birth : 01-11-1989

Age : 30

Sex : Male

Nationality : Indian

Marital Status : Married.



**Declaration**

***“I hereby declare that the above information’s are true to best of my knowledge.”***

**Date: Yours Truly,**

**Place**: Pune (Supratik Mondal)