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**Career Objective**

Currently looking for a full-time position in an environment as full stack developer, that offers great challenges, increased benefits for my personal and professional growth and opportunity to take responsibilities.

**Professional Summary:**

* 6+ years of Enterprise Software development experience that includes Analysis, Design and Development using Java/J2EE.
* Experience in modeling application with knowledge of class diagram, sequence diagram, component diagrams, activation diagrams and effective design patterns.
* Hands on experience in developing rich user interfaces using Angular (2/4/6), HTML, CSS, ES6 and

Js libraries(HighCharts, Leaflet for map, NgRx Redux State management, RxJs, NodeJs).

* Extensive experience in design, development and implementation of MVC architecture using Spring Framework (Modules : Core, AOP, Mvc, Rest, Quartz Scheduler, Security), Spring Boot.
* Extensive experience in using ORM implementations like Hibernate, Spring Data JPA.
* Hands on experience in writing queries for enterprise Database (Mysql), In memory Database HsqlDB.
* Good interpersonal skills, commitment, result oriented, hard working with zeal to learn new technologies and undertake challenging tasks.
* Experience in working on POC in MEAN(Mongo, Express, Angular, Node).
* Worked on Microservices architecture, message broker Kafka, containerization technology Docker, orchestration technology Kubernetes and cloud platform like AWS.

**Professional Experience:**

* Working at GE India Pvt Ltd till date as Senior Software Engineer.
* Working at Qualcomm India Pvt Ltd from Aug-2016 to Aug 2018 as Programmer Analyst.
* Worked at Trianz Holdings Pvt. Ltd from Mar-2016 to Aug-2016 as Senior Software Engineer.
* Worked at TCS as Software Developer.

**Technical Skill Summary:**

* Languages/Technologies/Frameworks:

Front End: H T M L , C S S , B o o t s t r a p , JavaScript, Angular (2,4,6), Ionic, NodeJs, RxJs

Server Side: Java 8, Java(MultiThreading, Collections), J2EE, Spring, Spring Boot, Spring Data JPA, Hibernate.

* Database: PostGreSql, Oracle, HsqlDB
* WebServer/Container: Tomcat 7.0
* Development tools/IDE: Eclipse, STS, Visual Studio Code, Putty, Jenkins(CI), SVN, Git, Perforce, Code Collaborator. Libraries: Swagger, Lombok.
* Deployment: AWS, CI tool Jenkins.
* Operating Systems: Windows, Linux

**Educational Profile:**

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| --- | --- | --- | --- | --- |
|  | **Academic Qualifications** | |  |  |
| **Name of the Institution.** | **Name of the Examination.** | **Board /University.** | **Year of Passing.** | **Percentage of Marks.** |
| St.Xavier’s School, Burdwan, W.B | I.C.S.E | C.I.C.S.E | 2006 | 90.5 |
| DAV Model  School,Durgapur, W.B | A.I.S.S.E | C.B.S.E | 2008 | 76 |

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| --- | --- | --- | --- | --- | --- |
| **Graduation/P ost**  **Graduation** | **Specialization** | **Month/Year Of Passing** | **College Name** | **University Name** | **Percentage Obtained** |
| Bachelor of Technology | Computer Science | June’2012 | Durgapur Institute of  Advanced  Technology and  Management,  West Bengal | West Bengal  University of  Technology | **83.9** |

* Worked as Intern In Telemedicine Lab Of IIT Kharagpur, on Implementing RBAC Security

model on project, work titled as ‘A scalable and flexible approach to prevent execution of illegal SQL queries using RBAC" under guidance of Prof. Jayanta Mukherjee CSE, IIT KGP.

* Worked as Intern at IT Workgroup in Central Mechanical Engineering Research

Institute(CMERI,an Autonomous body under CSIR, India) On a project entitled, “ Discovering patterns in the hydrological processes during the highly flooded years :A study on Indian Basin”

**Achievements:**

* Topped in PAT(Pre Allocation Test) in TCS(Tata Consultancy Services) ILP(Initial Learning Programme) for Assistant System Engineer Trainees.
* Oracle Certified Java Professional( **OCJP** )
* Qualified GATE exam with score of 536 and AIR 2972.
* Participated in SPSITM International Conference in collaboration with IEEE held at IEM Kolkata
* State Level winner at National Children’s Science Congress
* Represented State in 92 nd Indian National Science Congress, held at Nirma University Ahmedabad conducted by DST Govt . Of India.Participated in CII symposium held at Bal Bhawan, New Delhi to present the project on ‘Iron Removal Technique From Water’.

Was awarded in several Essay Writing Competitions, Debates, Drama, Quiz Competitions at school.

**Projects Involved In:**

# GE Industrial India Ltd.

**Project Name: Sea Stream Insights**

**Client : Noble**

**Role: Developer Aug ’ 2018 – Till Date**

**TECHNOLOGY: HTML, CSS, Bootstrap, Angular 6, Java8, JEE, Spring Boot, Couchbase**

**SeaStream Insight is a product that provides analytics and deep insights of oil drilling activity at oil rigs.**

**Roles and Responsibilities**

* Worked both on the front end and back end, designed & implemented modules and delivered features like Equipment Comparison, GIS Location, Benchmarking, new process & sub process detections, KPI additions etc. on time.
* Delivered Data Quality Tool to assess quality of data from Historian data source on real time and historical basis.
* Delivered analytics dashboards, made enhancement to Core engine, reporting feature.
* Catered support to customer.

# Qualcomm India Pvt. Limited

**Project Name: Qpatents-Eureka**

**Client : Qualcomm Incorporated**

**Role: Developer**

**Nov ’ 2017 – Aug 2018**

**TECHNOLOGY: HTML, CSS, Bootstrap, Angular 4, Java, JEE, Spring Boot, Spring Data JPA**

**Qpatents Eureka is a global tool used across the globe by QI for filing, approval, versioning, management and tracking, analytics of numerous patents produced by Qualcomm round the year.**

**Roles and Responsibilities**

* Analyzed the requirements and designed class diagrams, sequence diagrams using UML and prepared high level technical documents.
* Cordinated with onsite BA capturing the stories and transforming them to full fledged working product.
* Developed the end to end modules involving rich UX design, front end to back end coding.
* Rolled out the dashboard analytics module which had the capability of producing complex analytics churned from the metrics, in a very less time.

**Project Name: Critter**

**Client : Qualcomm Incorporated**

**Role: Developer**

**Mar’ 2017 – Nov’ 2017**

**TECHNOLOGY: HTML, CSS, Bootstrap, Angular 4, Java, JEE, Spring, Hibernate.**

**Critter is a tool used by engineering team for assets management and tracking, management and tracking of CRs, real time notifications and processes as well as analytics of data.**

**Roles and Responsibilities**

* Similar as above.

**Project Name: Compliance Management System**

**Client : Qualcomm Incorporated**

**Role: Developer**

**Aug’ 2016 – Mar 2017**

**TECHNOLOGY: HTML, CSS, Bootstrap, Angular 2, Java, JEE, Spring, Hibernate.**

**Compliance Expense Management System is the tool used by QI across the globe to manage all compliance contracts that QI enters with third party vendors.**

**Roles and Responsibilities**

* Similar as above.

**Project Name: MySource**

**Client : Qualcomm Incorporated**

**Role: Developer**

**Aug’ 2016 – Till Date**

**TECHNOLOGY: HTML, CSS, Bootstrap, Angular 2, Java, JEE, Spring, Hibernate.**

**MySource is the HRMS (Human Resource Management System) application for all the Qualcomm Employees which stores Employee information, manages Payrolls, Recruitment Process, Appraisal**

**Process, Termination Process, Benefits Administration and keeps track of Employees attendance as well. It also powers additional features like Impersonation and Back Office for the high-level employees to approve various workflows on behalf of others. In this application we have created one dedicated module to generate all the Reports**.

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**Roles and Responsibilities**

Similar as above

# Trianz Holdings Pvt Ltd Hyderabad March’ 2016-Aug 2016

**Project Name: Reference Data Management**

**Client : A leading Insurance Client**

**Role: Developer**

# Tata Consultancy Services, Ltd Pune,Kolkata

**Project Name: Application Performance Monitor**

**Client : A leading Banking Client**

**Role: Developer Oct’ 2014 – Aug’ 2015**

**TECHNOLOGY: Java, JEE, ExtJs, Spring, Hibernate**

**Application Performance Monitor is an end-to-end monitoring solution that seamlessly monitors multi-tier complex application systems. It measures key performance metrics in real time and helps in proactive problem diagnosis and resolution.**

Client is an American multinational financial services corporation is one of the is best known company for its credit card, charge card, and traveller’s cheque businesses.

**Roles and Responsibilities**

* Developed the module End User Experience Monitor. This module captured key metrics of an web

application on being accessed from different geographical locations, analyzed data, generated report so as to assess performance, identify bottle necks.

* Analyzed the requirements and designed class diagrams, sequence diagrams using UML and prepared high level technical documents.
* Involved in understanding and analyzing the business requirements and provided technical solutions for them.
* Developed rich user interfaces screens using ExtJs.
* Extensively used MVC framework Spring and DAO to interact with Database.
* Client module using Apache HttpClient,Web Services using - REST API.
* Used Apache POI-HSSF for generating reports in MS Excel and iText for generating PDF reports.
* Wrote unit test cases and conducted unit testing for modules developed.

**Project Name: Application Performance Tester Oct’ 2014 - Nov’ 2014**

**A leading provider of financial products and services**

**Role: Developer**

**TECHNOLOGY: Java, JEE, ExtJs, Spring, Hibernate**

Application Performance Tester is an end-to-end performance testing and verification framework that can generate real-life load, emulate the production network and manage performance requirement, thereby improving the performance of mission-critical web-based services, which helps reduce customer churn, lower the lost revenue opportunities and improve operational efficiency. **Responsibilities**

• Developed a module in the application using the **Model-View-Controller (MVC) application** design pattern and developed the underlying business logic, and data model. • Developed parser to parse Http Archive files and reporting module using Itext.

**Project Name: Event Manager May’ 2013 - Oct’ 2014**

**Event Manager is a service delivery , automation event management processing and ticketing tool which is also a member of patented TCS MasterCraft Suite of products**

**Role: Developer**

**TECHNOLOGY: Java, JEE, ExtJs, Spring, Hibernate**

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## Responsibilities

* Created rich user interfaces, implemented business logic for Audit Dashboard module displaying data, correlation.
* Presented technical demo as part of technical assistance for pre sales team, to clients.

**Project Name : Transaction Profiler April’13 – Sep’ 2014** **Role: Developer**

Client is a US-based international financial services holding company. It is leading US based global credit rating agency and provides international financial research on bonds issued by commercial and government entities. Our responsibility was to test their web application, perform network transaction analysis, identify whether latency is due to network or application component, correlate data across multi tiers of application.

**TECHNOLOGY: Java, JEE, ExtJs, Spring, Hibernate**

## Responsibilities

* Developed the business transaction analysis module using Spring, Hibernate, ExtJs, which gave response metrics of transactions of a business group, correlate the data from transactions spanning across tiers of the application.
* Conducted code review and peer – peer testing to validate the team’s deliverables.

**Overall Roles & Responsibilities:**

* Contributed in all the phases, right from the requirement gathering, analysis, creating Design, implementing functionality, de- bugging, support, etc. Design, implement and maintain java application phases.
* Drive best practice, quality and consistency within design and development phases.
* Identify production and non-production application issues.
* Identify opportunities to fine-tune and optimize applications of java developed projects.
* Provide technical support and consultation for java application and infrastructure questions.
* Provide direct support to Development Manager efforts as requested.
* Participate in discussions with business team on requirement analysis.
* Develop, test, implement and maintain application software working with established processes.
* Recommend changes to improve established java application processes.
* Involved in dynamic web interface development using JavaScript,ES6, and Angular 4.

**Personal Traits:**

* Curious to learn and bear positive attitude.
* Honest, Responsible and hardworking.
* Willingness to walk the extra mile to achieve excellence.

**Personal Details:**

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| • | Date of Birth : | June 30, 1990 |
| • | Nationality : | Indian |
| • | Marital Status : | Unmarried |
| • | Language Known : | English, Hindi, Bengali |
| • | Hobbies & Interests : | Playing Cricket, Travelling. |

**DECLARATION**

I hereby declare that the above-mentioned details are true to the best of my knowledge. I bear the responsibility for the correctness of the above-mentioned.

[Sourav Roy]