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Namrata Jha

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Highly skilled ETL Developer with 2+ years of experience in designing, developing, and maintaining ETL Processes. Proficient in utilizing Selenium for automated testing and Java Programming for backend development.

Excellent problem-solving abilities and strong communication skills, able to collaborate effectively with cross-functional/onshore teams.

Seeking to leverage my expertise as Biotechnology, Senior Software Engineer and a NCC Cadet to contribute and make my mark to the team either way.

Work Experience

Senior Software Engineer	**Capgemini**	**Sep 2021–March2024**
Payments/Alerts/Transaction testing	Hinjewadi, Pune, Maharashtra, IN	

- Have been working mainly in GPP, GPF, Hotscan and other applications. Creating and updating the payments, uploading them to verify the other attributes aligned to it.
- Participated in all phases of the software development lifecycle, including requirements analysis, design, implementation, testing and development.
- Collaborated with cross-functional teams to gather requirements, plan sprints, and deliver high-quality software solutions on schedule.
- Conducted code reviews, identified performance bottlenecks, and implemented optimizations to enhance system performance scalability.
- Most of the impact has been made by the usage of java, selenium, and sql language.
- Designed and developed backend systems and RESTful APIs using Java, Spring Framework.
- Implemented database interactions using SQL ensuring efficient data retrieval and manipulation.
- Have been in the position of leading a team of committed employees, promoting a collaborative work atmosphere, implementing strategies/ideas.

Education

- **PGDCA in Computer Applications,** Dr. C.V. Raman University, BSP, Chhattisgarh - Distant Learning (79%)   **2020-2021**
- **M.Sc. Biotechnology,** ITM University, Gwalior, M.P. (79.6%)   **2019–2021**
- **B.Sc. Biotechnology,** ITM University, Gwalior, M.P. (73.7%)   **2016–2019**
- **NCC Cadet Army batch -** C Certificate- MP 3 Battalion   **2019**
- **Class 12th,** D.A.V. Public School, Kusmunda, Chhattisgarh (72.2%)   **2016**
- **Class 10th,** Allons Public School, Bemetara, Chhattisgarh (76%)   **2014**

Technologies and Languages

- Languages: SQL, Selenium, Java and Python (Learning).
- Technologies: MySQL, Oracle, HTML, CSS, Functional, Regression, Smoke testing.
- Other/Applications: ETL Tools (Informatica), Test Management Tools (JIRA), Agile Methodologies (Scrum, Kanban), Data structures and algorithms.
- Operating System: Windows, Linux
- IDEs: Eclipse
- Technology (Bio-tech related):   Biotechnology, nanotechnology, bioinformatics, selenium nanoparticles, bioremediation, cell biology, microbiology.

Projects as Senior Software Engineer

- **CHIPS ISO Compliance 2023 -**

  Prepared and updated the message types that need to be sent out to the applications (GPP, GPF, HotScan) to complete their approach.
  Updated the code as per the requirement discussed over with the onshore team.

- **Symphony GAP Development SD1 -**

  Worked on SAS AML, CMT, RD9 as well as on N-tier application.
  Prepared test approach, scenarios and test cases as per the BRD requirement.
  Have explained and raised the defect in the ALM application, after discussion over call with the onshore Dev-Team.

- **Symphony ACH Enablement -**

  This Project is mainly based upon the codes and queries as well as creating and writing test approaches.
  Have been in daily onshore calls to ensure the **code** stands out for the requirement.

- **SML Efficiency Initiative -**

  This Project came into picture to cover up the updated codes by the onshore team and to update the SQL queries for the SAS AML application.
  Including anti-money laundering scenarios based upon the updates.

- **Symphony TECH -**

  Project included the payment flow from upstream applications to the downstream applications such as SAS AML, Tableau and UDQ.
  Have raised the defects in ALM Applications, for the code changes showing error screens incase of results.

- **SWIFT ISO 20022 -**

  This has been my first Project under Capgemini.
  Have been assigned to this Project totally based on the testing role.
  It has given me a brief about the handling of the documents, maintaining the fluidity throughout the project.
  Have attended KTs on ETL testing, and other applications such as - SAS AML, SQL DB, UDQ, N-Tier, Toad, Sql developer.
  Have prepared query and executed test cases based upon database.

Projects in Biotechnology

- Biosynthesis and characterization of selenium nanoparticles using rind of watermelon (*Citrullus lanatus*).
- Therapeutic approach of watermelon rind (*Citrullus lanatus*): Biosynthesis and characterization of Selenium Nanoparticles.
- Therapeutic approach and characterisation of watermelon (*Citrullus lanatus*) rind against acrylamide toxicity.
- Prediction of bloom syndrome with the help of bioinformatics tools.
- In Vitro screening of important legumes crop for salinity tolerance.
- Investigating the effect of temperature and difference in chemicals on permeability of cell surface membrane.
- Preliminary screening of foliar extract of Khejri (*Prosopis juliflora)*.

Publications

- **Biosynthesis and characterization of selenium nanoparticles using rind of watermelon (*Citrullus lanatus*).**
- **Therapeutic approach of watermelon rind (*Citrullus lanatus*): Biosynthesis and characterization of Selenium Nanoparticles.**
- **Therapeutic approach and characterisation of watermelon (*Citrullus lanatus*) rind against acrylamide toxicity.**
- **Homology modeling and structure prediction of bloom syndrome causing protein isolated from *Liparis tanakae*.**
- **Preliminary screening of foliar extract of *Prosopis juliflora.***

Book

- **Publication of a Chapter in a Book -**

  Antioxidant - Based Therapies for Disease Prevention and Management Antioxidant.
  Chapter Name: Nano-Antioxidants, A Next_Generation Therapeutic Strategy.

  Apple Academic Press - December 23, 2021

Awards and Certificates

- **Pat on the back** -Have received this award based on hard-work, due diligence, self-motivation and dedication from MUFG Account, in June 2022.
- **QE&T - Automation Engineer (Level1)** - Have received this certificate on completion of Automation Engineer Exam performed by Capgemini, October 2022.
- **Certifications and Courses** - Have completed courses related to Agile, SQL and Java.
- **Certificate "C" of National Cadet Corps** in October 2019.
- **Certificate "B" of National Cadet Corps** in May 2019.

Interests

- I have read several novels, mostly non-fiction.
- I am a good cook, and have a keen interest in writing.