SAHIL SARTAJ
Software Developer

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OBJECTIVE

- A graduate engineer with **2+** years of experience as a Software Engineer mainly working in the sector of E-commerce and Health Care, skilled in **Java**, **Spring**, **SQL**.
- Have worked as a Java Developer and Java Support Engineer in **Capgemini Technology** for the Europe Apps division.
- Possess in-depth knowledge of Core Java, Advanced Java, database, implementation with emphasis on Object Oriented, J2EE, and Client Server technologies.
- Excited to utilize my skills in software development activities including designing, debugging, analysis, troubleshooting, and enhancing application performance.
- I am actively looking for better openings to maintain full-time position that provides an opportunity to enhance my technical skills and knowledge and that could provide me an insight into new aspects that it would be helpful for my career growth.

WORK EXPERIENCE

[Senior Software Engineer]

[Capgemini, Bangalore]   [Apr 2023] – [Present]

- Actively participated in Agile development processes, delivering features on time and exceeding customer expectations.
- Analyzed and modified existing code wherever required and Responsible for gathering, documenting, and maintaining business and systems requirements.
- Collaborated with cross-functional teams to design, develop, and deploy high-quality Java applications.
- Resolved complex technical issues by conducting thorough debugging and code analysis, enhancing application performance and stability.
- Development experience with Core Java modules such as Object Oriented Programming concepts, Strings, Collection, Exception Handling, Multithreading, JDBC etc.
- Extensive experience with Eclipse, Spring Tool Suite (STS), SQL Developer.
- Wrote annotated POJO classes which contain business logic to map database tables with java objects.

- Developed and maintained robust and scalable backend services, utilizing Java, Spring Framework, and RESTful APIs.
- Extensively learned frameworks like Spring, ORM frameworks like Hibernate, JDBC.
- Configured Maven dependencies for application building processes that created pom.xml files.
- Training and knowledge transition sessions.

[Software Engineer]

[Capgemini, Bangalore]   [Sep 2021] – [Mar 2023]

- Provided technical support to clients using Java-based applications, promptly resolving issues to ensure minimal downtime and smooth functionality.
- Diagnosed and analyzed software issues and customer billing problems, collaborating with cross-functional teams to develop effective solutions, diagnose root causes, and implement solutions for software-related challenges.
- Analyzed the problem tickets, handling ServiceNow tickets and provide resolution from our end to different teams. Also independently worked on user part of the project.
- Utilized strong Java programming knowledge to assist developers in identifying and fixing code defects and optimizing software performance.
- Gained hands on exposure on Core Java features like Multi-Threading, Collections, and all four oops pillars of Java like Polymorphism, Abstraction, Encapsulation, and Inheritance.
- Learned end-to-end project technologies and got to know real time project tools.
- Participated in on-call rotations to provide 24/7 support, effectively addressing critical issues, and maintaining client satisfaction.
- Successfully resolved over 50 client-reported issues within SLA, maintaining a 98% customer satisfaction rate.
- Handled different kinds of customers and other team's problem tickets, did analysis and workarounds to provide detailed root cause of that problem, and resolved tickets.
- Used different web-applications to check web logic sever topics and queues for pending messages for multiple stores worldwide that helped the team to reduce the manual efforts with a saving of long hours whenever the issue happens.
- Implemented an automated testing script using UiPath tool, reducing software deployment time by 30% and minimizing errors during the process.
- Documented support processes, troubleshooting steps, and issue resolutions to create a comprehensive knowledge base for future reference.
- Collaborated with developers to relay client feedback, contributing to the improvement of software features and user experience.
- Good exposure in writing SQL queries to perform database operations. Learned relational database like MySQL.

[Graduate Student Researcher]

[Aliah University]   [Feb 2021] – [Aug 2021]
- Research on human characteristics such as health, disease, psychology, behavior through an interaction between the genotype-phenotype map by the bioinformatics approach.

EDUCATION

[Aliah University]   **[Newtown, Kolkata]**

Bachelor of [Technology] in [Computer Science and Engineering]   [2017]
- **CGPA:** [**8.51**] / 10.0
- **Honors:** [Top 3 Rank holder in 2nd, 3rd, and 4th year of college]
- **Relevant Coursework:** [DSA / DBMS / OS / Network / TOC-CD / Computer Architecture – Digital Logic / Machine Learning / and other relevant subjects related to computer science]

[APC High School]   **[Saltlake, Kolkata]**

Higher Secondary Education under [*WBCHSE] board*   [2017]
- **Percentage:** [70%]

[Bidhannagar Municipal School]   **[Saltlake, Kolkata]**

Secondary Education under *[WBBSE] board*   [2015]
- **Percentage:** [89%]

ACHIEVEMENT

Conference Paper(s):

Sartaj S., Mollah A.F. (2021) An Intelligent System for Spam Message Detection. In: Sheth A., Sinhal A., Shrivastava A., Pandey A.K. (eds) Intelligent Systems. Algorithms for Intelligent Systems. Springer, Singapore.
[DOI: 10.1007/978-981-16-2248-9_37]

TECHNICAL SKILLS

Programming Languages: Core Java, Advance Java, Python, SQL

Frameworks: Collection, Spring, Spring JDBC, Spring ORM, Spring MVC, Spring Boot, Hibernate

Web Technologies: Servlet, RESTful API, Web Services

Tools & IDE: Eclipse, Spring Tool Suite (STS), Jupyter Notebook, VS Code

Databases: MySQL

Versioning tools: Git, Docker (little bit know)

Cloud Technologies: AWS, Azure (little bit know)

PERSONAL PROJECT(s)

E-Waste Management Application   [2021]
- E-Waste Management Application plays a vital role to find the e-waste recycling centers in our neighborhood. Nowadays e-waste recyclers could not reach to the customers due to lack of communication gap.

- In this case, E-Waste Management application comes into the rescue with fast response and order-request of the e-waste trash to the customers.

Technology Stack: Java 8, Spring Framework, PostgreSQL, Postman, Swagger, Gradle, Git, GitHub, Docker, Kubernetes

Spam Message Detection Application   [2020]
- In this project we present a system of spam message prediction based on appreciate lexical analysis like tokenization, stop-words removal, stemming, lemmatization and feature extraction.
- Used various machine learning algorithm and get 97.63% accuracy using Random Forest Algorithm.

Technology Stack: Python, NLTK, Numpy, Scikit-learn, Pandas, Matplotlib, Random Forest Algorithm, Heroku, HTML, CSS

CERTIFICATION(s)

- Microsoft Azure Fundamentals - AZ-900 (*Microsoft*)

- AWS Cloud Practitioner Essentials - AWS training and certification (*Amazon Web Service*)

- Machine Learning (*Stanford University*)

- Machine Learning Fundamentals with Python Track (*Datacamp*)

TRAINING(s)

- Full Stack Data Science (*iNeuron*) [currently pursuing]

- Two-Days National Workshop series organized by *EduxLabs* (AI for "Covid-19 outbreak Prediction Forecasting, Data Analysis & Data Visualization)

EXTRA-CURRICULAR ACTIVITIES
- Taught many students who are coming from poor financial background about Programming Languages and Mathematics.

- Lead Student Volunteer in Aliah University for the "*Trends in Artificial Intelligence & Machine Learning Research (TAIMLR'20)*" conference in January 2020.