

Aishwarya Balasubramaniam

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EDUCATION

PSG College of Technology M.Sc. Software Systems GPA: 7.99/10 June 2015- May 2020

WORK EXPERIENCE

Software Engineer

December 2022 – Present

Microsoft

- Designed and Developed backend Windows Service using **C#** for token less authentication for Quick Assist application, eliminating the need for the users to manually exchange generated Assist Codes.

Developer Associate T1-2

March 2022 – December 2022

SAP Labs

- Worked as a Full Stack Cloud Developer on Service Execution Engine using **Java**, **Springboot** for the **backend**, **Javascript** for the **frontend** and **HANA database** thereby enabling an SAP customer to diagnose the health of the system and recommend solutions to user in case of any issue. I am contributing to the overall architecture of the product, pushing the features developed into production every 24 hours.
- Mentoring a fellow developer, a part of SAP Intern Experience Program(iXp) to guide them in projects for over a period of 3 months.

Developer Associate T1-1

Oct 2020 – March 2022

SAP Labs

- Developed the front end for Self-Monitoring application using **Javascript** used by the internal customers of the company, thereby reducing the number of customer query tickets for the company.
- Developed and maintained the System Health Viewer Dashboard application using **Javascript** thereby enabling the users to monitor the Health and the Status of their system.
- Automated the process of PDF conversion for reports generated in the Cloud using **Java** and **SpringBoot**.

SDE Intern

Jan 2020 - Jun 2020

Amazon.com

- Created a library for Image Cropping Automation using Java and AWS Services, thereby increasing the number of articles published in Amazon Prime Reading.
- Developed an Article Reading Time Estimator using AWS Lambda and Amazon Internal Technologies.
- Created widgets for Amazon Kindle publisher subscription purchase using Spring MVC, thereby increasing the customer base for Amazon Kindle.

Software Developer Intern

May 2018 - Oct 2018

Novire Technologies

- Converted Created a signal streaming pipeline using Java, Apache Kafka, Apache Flume and Hadoop HDFS, hence increasing the message inflow and the security of the product.

TECHNICAL SKILLS

- Languages:** Java, Javascript, Python
- Web Technologies:** HTML, CSS, jQuery, Node.js
- Databases:** PostgreSQL, HANA Database
- Cloud Platforms:** AWS, Microsoft Azure, SAP Cloud Platform (BTP)
- Frameworks:** SpringBoot, Hibernate, JUnit, Mockito
- Tools:** Apache Kafka, JIRA, GIT

ACHIEVEMENTS, EXTRACURRICULAR AND ADDITIONAL INFORMATION

- Won the hackathon in June 2022 conducted by SAP Experience. Came up with a framework for all product standards within the SAP Application Suite. This would solve the problem of a Product Owner by giving a complete list of Standards to be adhered to for a particular Business application. Was able to secure three sponsors and was allotted an initial seeding fund of 1000 Euros to developing a minimum viable product and aiming for an internal release by December 2022.
- Completed an online course on Building Scalable Java Microservices with Spring Boot and Spring Cloud using Google Cloud Platform in December 2019.