

Aishwarya Parthasarathy

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[aishwarya1009 \(Github\)](#) | [Aishwarya Parthasarathy \(Linkedin\)](#)

EDUCATION

University of San Francisco, San Francisco, CA Expected Graduation: May 2021

Candidate for a Master of Science in Computer Science, GPA: 4.0

Related Courses: *Intro to Deep Learning, Machine Learning, Software Development, Algorithms, Big Data*

Pondicherry University, Pondicherry, India

Bachelor of Technology in Electronics and Communication Engineering, CGPA: 3.5 Graduation Date: May 2015

Related Courses: *Data Structures and Algorithms, Introduction to Programming, Microprocessor and Microcontrollers*

TECHNICAL SKILLS

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|---------------------------|--|
| Languages | Java, Python, Ruby, ABAP, SQL, C, C++ |
| Frameworks | Ruby on Rails + Slim, PyTorch, Sklearn, UI5, Fiori |
| Databases | MySQL, MongoDB, SAP HANA |
| Cloud Platform | Amazon Web Services (AWS), SAP Cloud Platform |
| Software and Tools | Github (Git), JIRA, Agile Development, Test Driven Development |

WORK EXPERIENCE

University of San Francisco, CA, USA August 2020 - Present

Graduate Teaching Assistant, Principles of Software Development

- Conduct Code Reviews for Intro to Software Development using Java and MySQL with Github Classroom

Poshmark, CA, USA June 2020 – August 2020

Full Stack Software Engineer Intern, Cloud Platform

- Built a dashboard to view and update statuses and flag shipment orders with failure reasons for insurance claims with USPS and a S3 file download access was provided to submit claim reports
- Designed and developed a weekly cron job to pick new flagged orders and generate CSV files and store reports in AWS S3 which helped recoup \$80,000 monthly
- Fixed bugs on Email Notification System involving daily and weekly email reminders to sellers and buyers

SAP Labs, Bangalore, India August 2015 – July 2019

Developer

- Built an application for monitoring the background jobs and generate alerts on discrepancy based on job status to the central system
- Designed and implemented the backend APIs to monitor in real time and assign on-call tasks on failure with email and mobile notification triggers using Java
- Authored test cases for multiple scenarios and conducted integration tests, debugged and fixed bugs at source level for Enterprise Management Applications

Associate Developer

- Designed and implemented Fast Data Entry feature to decrease the time taken to create purchase orders
- Proposed and implemented dynamic content addition to existing web applications using Smart Templates
- Understood and implemented changes on the entire project based on the GDPR data privacy regulation for European clients and gained enterprise data management insights from peer code review sessions
- Gained functional expertise in Material Management and Sales Distribution modules of SAP ERP by working with Oil and Mill Industry clients

PROJECTS & AWARDS

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- Implementation of Distributed File System (like HDFS) with replication and fault tolerance using Java, Netty, Protobuf
 - Toxic Comments Classification with LSTM and FastText Word Embeddings using Sklearn and PyTorch
 - [Single Image Super Resolution](#) using CNN and Generative Adversarial Networks in PyTorch with 4x upscaling
 - Awarded Silver Medal by Indian Institute of Technology, Madras in Introduction to Programming, Data Structures and Algorithms Course