Aishwarya Parthasarathy

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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*
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

Languages	Java, Python, Ruby, ABAP, SQL, C, C++
Frameworks	Ruby on Rails + Slim, PyTorch, Sklearn, Testing Frameworks (Cucumber), 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

- 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