Yogeesh Rajendra

Email : yogeesh.srkvs@gmail.com
Mobile : +1-206-482-7330

EDUCATION

- **Sri Jayachamarajendra College of Engineering** — Mysuru, KA, INDIA
  Bachelor of Engineering in Computer Science; CGPA: 9.21 Out of 10 — *Sep. 2009 – Jun. 2013*

EXPERIENCE

- **Amazon** — Seattle, WA
  Software Development Engineer — *Oct 2016 - Present*
    - **Openbox**: ...
    - **EasyCare**: ...
    - **Audit Workflow**: ...
    - **Global Item Processing**: ...
    - **Alexa Monitoring**: ...

- **InMobi** — Bangalore, KA, INDIA
  Senior Software Engineer — *Nov 2015 - Oct 2017*
    - **Merchant Product Catalog Processor**: Designed and developed system which consume merchant catalog.This keeps the ads system ready with product details that can be served in real time as part of ads. This work invovled onboarding framework for merchant catalog and optimizing ingestion time for same. 40 Merchants , 10+ million products a day , 10X improvement in ingestion times, 2 hours of SDE time saved per merchant catalog onboarding. Technologies involved spring bot , elasticsearch , JDBC.
    - **Overlap / Potential Analysis**: Business needed a way to understand if these user segments provided by customers to show ads help in getting us any revenue. I designed and implemented a hive based solution to take these segments and run query to join with our user ids served so far to understand potential. Exposed a UI to upload these segments, query picks up file and send insight to business. Decreased the overall time taken to get insight from 4 days → 2 hours (Every week we got 20 such segments from business).
    - **Audience Segment Creator**: Customers gives user segment to show ads. Engineer picks this file runs job and uploads to user profiles. This process was very slow + there was no feedback loop to business for the same on success/fail. Built a tool where business uploads user segment and gave them insight about success / fail for user segment creation. Impact : 2-3 days → 3 hours for creating user segments with clear messaging about success/fail at userid level. Involved working with multiple teams to allow ingress points for segment creation.

- **SuccessFactors , an SAP Company** — Bangalore, KA, INDIA
  Software Developer — *Jul 2013 - Nov 2015*
    - **Upgrade Center + Permission Resolver**: Designed and developed a product called upgrade center, a system where admin can enable a feature in our product for their company. Initial design was to allow admin to upgrade if any of the permissions combination exist (eg. "Admin + Comp HR" can upgrade, just having Admin or Comp HR permission would allow upgrade). I built a permission resolver component using binary expression tree with ANTLR library allows upgrade only with exact permission combination exists with admin user. This delighted customer as they could have more control on exactly who all can grant permission. Same solution was accepted and praised by principal engineer.
    - **Web Accessibility**: I was the main lead to make systems web accessible. Mandatory requirement from federal on our product for differently-abled ones to work. Involved learning new tools : JAWS , Section 508 , Screen readers , HTML patterns to make accessible. Impact : Whole website was made web accessible.

- **Cisco** — Bangalore, KA, INDIA
  College Intern- 2 Months Summer Internship — *Jun 2012 - Aug 2012*
    - **SIP XML Ladder Generator**: Tool built in Service Routers group to analyze voice calls with SIP protocol. Engineers used to grep and write scripts to figure out protocol's connection issue. The ladder generator tool parsed the networking packets and gave nice visualization showing the issue in SIP protocol connection flow (100 Trying , 180 Ringing , 200 OK etc. codes). Impact : 1000+ cases resolved, saved 40 SDE hours per month.

ACHIEVEMENTS

- **Amazon Bar Raiser**: Taken multiple interviewers (300+) and Bar raised many interviews inside Amazon.
- **Amazon Security Certifier**: I have certified many Amazon applications to meet the security bar.

Programming Skills

- **Languages**: Java, SQL, Shell Scripting   **Technologies**: AWS [EMR , SFN , Lambda etc.], Linux