Manasa Mahesh

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TECHNICAL SKILLS

- Languages: C, C++, XML, DBMS, Shell script
- IDE/Tools: Eclipse, Source Insight, FTP, SCME, Eclipse, Function Point
- Platforms: Windows, Unix

EDUCATION

Bachelor of Engineering, Computer Science
Sri Jayachamarajendra College of Engineering, Mysore, India   **GPA 4.0** (equivalent)   **June 2010**

PROFESSIONAL EXPERIENCE

IBM   **Jul 2010 - Present**
NC3 Application team   **(Associate Software Engineer)**
NC3 is a web based tool for Designing, Configuration, Maintainance and Network Management of a repository containing Customer Premise Equipment (CPE) and related Site and Connectivity/VPN data.

- Worked as part of the design and development of projects helping me to widen my knowledge on Object Oriented Programming concepts
- Worked on multiple enhancements and resolving several customers reported issues

PROJECTS

- **Core Dump Analyser**
  Core Dump analysis is quite complex and time consuming as it involves in-depth knowledge and expertise on various domains like processor architecture and operating systems. To ease the analysis part, a **web based static analyzer** was developed which is intuitive, intelligent and easy to use. It also does various known checks on the dump to help an Engineer perform RCA of an issue faster.
- **Extracts**
  Nc3 application is an inventory to store customers data. Customers came up with the new requirement where they wanted their data to be sent in bulk. Till then, customer data was sent based on the order received. A new architecture was developed containing scripts and batch programs to fetch the data on daily basis and worked on Performance Tuning. This architecture design was presented to the whole AT&T account
- **Automation project**
  Network engineers used to add all the equipments and connections required for their site manually. As a part of this project, manual work which was being done by network engineers was automated. This project takes a couple of minutes to complete all these processing (typically taken hours if done manually) and will submit this to procurementspecialist. Improved the efficiency of the product by automating the user creation process

  – Developed reverse engineering document, Design document for the new architecture, Collated the concepts developed and used by several engineers, to increase the productivity of the engineering team.

  – Took initiative in preparing estimates and counting Function points for the projects.

  – Mentored and trained new recruits; developed a program to streamline new recruit on-boarding process and created training materials to improve productivity by 10%

ACCOMPLISHMENTS AND HIGHLIGHTS

- Received multiple **team level, account level e-awards** for my performance and technical excellence.
- Rated among top **10%** throughout my tenure in IBM.
- Awarded **Service Excellence Award** for the dedication and excellence in project delivery.
- Awarded **Eminence and Excellence Award** for acting as SPOC for project delivery.
- Awarded **HALL OF FAME** for the innovative core dump analyzer tool developed
- Awarded **BEST OF IBM** for mentoring the graduate hires.