C PURUSHOTHAM

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Plot 12, Gulmohar Park Colony ⋄ Lingampally, Hyderabad 500019

EDUCATION

IIIT Hyderabad *June 2009*
B.Tech. in Computer Science & Engineering
Overall GPA: 6.89

TECHNICAL STRENGTHS

Computer Languages	Python, C++, Java (Basic)
Databases	MySQL, PostgresSQL
Tools	Jenkins CI, SVN, Vim, GIT, Gerrit, JIRA
Automation	Robot Framework, RIDE, JUnit
Operating Systems	Windows, Ubuntu

EXPERIENCE

ValueLabs, Hyd (Client - BlackBerry) April 2014 - Present
Automation Test Developer *Hyderabad, IN*

· Implementing test cases to measure Key Performance Indicators (KPI) of Personal Identification Management (PIM) applications in Android
· Implementing and Maintaining an efficient common test automation Jenkins environment requiring very little and low cost maintenance by making the system scalable, secure, consistency and traceability
· Improved the software promotion process by a factor 80% by having implemented a mostly touchless promotion process, where software promotion testing was performed daily. Costs, and promotion process duration, were reduced significantly.
· Implementing solutions to prevent software defects from reaching the main codeline by automating a test suite execution when software changes are submitted for review, a failure in the test suite prevents the code submission
· Implemented automated test cases, using Python and Robot Framework, to verify and validate the PIM core REST API interface, Phone, SMS/MMS, Camera applications for BB10 OS.
· Having an ownership of Automating applications like Phone, Calendar, ISF in BB10.
· Disseminated knowledge to other team members to ensure knowledge is transferred
· Executing test cases as planned in a timely manner
· Providing recommendations to improve product and process requirements
· Practitioner of the Agile (Scrum) development methodology

ValueLabs, Hyd (Client - KarmicLabs) August 2016 - September 2016
Web Developer *Hyderabad, IN*

· Developing a reporting page for user transactions for KarmicLabs project, a payment solutions company, using Python-Flask.

ValueLabs, Hyd (Client - SnapFish) March 2016 - April 2016
Python Developer *Hyderabad, IN*

· Understanding the existing software which converts Maxwell EDI to Snapfish EDI. This software analyzes huge data of employee insurance details for converting to different formats.
· Automated manual tasks involving large XLS sheets using Python Pandas.

Rockwell Collins, India   May 2009 - November 2012

Engineer - Software   *Hyderabad, IN*

· Implementing Blackbox Requirement Based Automation Tests in Python by analyzing the requirements.
· Peer Review test cases, test procedures and results.
· Performing Run for Score, Structural Coverage Analysis, Regression tasks
· Writing automation scripts to improve the testing process.
· Mentor the new joiners and help them to understand the Avionics Domain required.

AWARDS & RECOGNITIONS

· Outstanding contributor to project award in Rockwell Collins
· Monthly Python Programming challenge winner multiple times in BlackBerry.