**SURUPA DUTTA**

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**SUMMARY**

Software developer with 3 yrs of experience in developing, maintaining and debugging ROR application. Highly independent worker and an excellent team player, and able to work efficiently under tight deadlines.

**WORK EXPERIENCE**

1. Software Developer, Kern Communications Pvt. Ltd., Hyderabad **July 2010 - present**

**Product Description**

LionSher, a cloud-based online examination platform backed by a SaaS.

**Job Responsibilities**:

* Uploading different types of questions manually, from excel and document file.
* After recognizing the file type, parsing the file accordingly.
* Extracting images, tables, graphs, scientific formulas, directions for question, correct answer, answer explanation and multiple sections from a single document.
* Ajax based test taking, marking and saving of answers.
* Coding for test taking of different types of test patterns like CAT, CMAT and AIEEE.
* Rules based picking up of questions and scoring.
* Uploading and playing of various types of courses like SCORM course, audio/video, presentations, document/pdf, flash files.
* Different kinds of report generation.
* Creating and displaying statistics in graph/chart.
* Generating CSV file to download report.

**Project URL**: www.lionsher.com

**Keywords**: Ruby, Ruby on Rails, MySQL, Ubuntu, NginX, Phusion Passenger, Jquery, JavaScript

**Key Skills**:

* Reading and extracting content from document.
* Pattern recognition using regular expressions.
* Reports and graph generation.
* Upgrading whole application from Rails2 to Rails3.
* Working on multiple Ruby and Rails environments.
* Remote database access

2. Trainee Developer, TalentSprint, Hyderabad **November 2009 – June 2010**

**Prduct Description**

It was their official website with an option to do on-line registration for students for different kinds of training programs.

**Job Responsibilities**:

* Storing data into database from excel file.
* On selection of one value from the drop down, prefilling the next drop down with related data.
* Implemented a Jquery calendar for date selection.
* Learnt VI editor commands and linux terminal commands to give training to students.

**Project URL**: www.talentsprint.com

**Keywords**: Java, MySQL, Jquery, HTML, JavaScript, Ubuntu

**TECHNOLOGIES KNOWN**

**Web Server:** Nginx, Mongrel, Unicorn

**Application Server:** Phusion Passenger

**Database Server:** MySQL, ORACLE

**Programming Languages:** Ruby, Java

**Operating System:** Ubuntu, Windows, Mac

**Web Technologies:** HTML, CSS, JavaScript, Ajax, Jquery**,** SASS

**IDE:** NetBeans, Sublime Text, Aptana Studio

**Project Management System:** Basecamp

**Bug/Issue Tracking System:** Bugzilla

**Version Control System:** GIT

**Testing Tool:** WATIR

**Tools/Utilities:** FileUtils, Mime Types, REXML/Nokogiri, Image Magick, Roo, FasterCSV, Redcloth, Paperclip, ClamAV, Rubyzip, Ffmpeg, Rvideo, Unoconv/JOD Converter/Loimpress, SWF tools, GoogleVisualr, Fusion Charts, Builder, FlexPaperViewer, CSV gem, Willpaginate, Restful Authentication, SubdomainFu, Delayed job, AWS SES, Regex, WickedPDF

**PROJECTS**

1. **KareerWeb** (MS curriculum): It is a job portal in which, applicants can post their resume by uploading document and the required fields will get prefilled by taking that data from database. And Employer can search candidates according to their requirement.

**Technologies Used**: Ruby on Rails, MySQL, Javascript, HTML, CSS

2. **EMS** (B. Tech curriculum): It is an employee management system which will keep track of all employees, their salary, leaves, etc. And finally it will generate the pay slip calculating all details.

**Technologies Used**: java, Oracle, Javascript, DreamWeaver

**EDUCATION**

* Pursuing MS in Information Technology from Sikkim Manipal University (2012 - till date)
* B. Tech in Computer Science Engineering from Biju Pattanaik University of Technology (2006 - 2009)
* Diploma in Computer Programming & Applicantion (2003 – 2006)

**PERSONAL DETAIL**

**Date of Birth:** 19th July 1985

**Hobbies:** Sketching, singing

**Languages:** English, Hindi, Bangla, Oriya