

# Parthan. S. R.

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## Summary

A pragmatic programmer proficient in Python and exposed to OOPs and agile programming concepts, constantly looking for opportunities opening the door to unexplored territories and unfaced challenges, always willing to learn and collaborate. Also have a deep interest in usability and user experience studies. Have experience in technical writing, documentation, debugging, testing, packaging and information designing.

Am looking forward to working in a fast paced, challenging environment of a growing technology company, having umpteen opportunities and freedom to explore unknown territories.

## Technical Expertise

Programming	Python v2.5 PHP v5.0 XHTML, CSS, Javascript C, C++
Frameworks	Pylons (v0.96) Django (pre-v1.0 and v1.0) web.py Zope2 (with Plone 2.5)
Database	PostgreSQL, MySQL
Operating Systems	GNU/Linux – all Debian distributions, Fedora MS Windows – 95, 98, XP
Softwares	Apache, Subversion, Trac, Review Board, OpenFlowChart, OpenOffice, MS Office, Matlab
Editors	Emacs, Vim
Concepts	OOP, Agile Programming, Usability/UX/HCI
Others	Copy Editing, Technical Writing

# Professional Experience

## **Comat Technologies Pvt. Ltd., Bangalore**

Software Engineer, eGovernance Technology

August 2007 – Present

Comat Technologies is a growing Socio Technology Enterprise with a motto that business follows purpose and aimed at bridging the rural urban divide. It operates Rural Business Centers or Telecenters offering various G2C services, as a part of government's egovernance initiatives, and various B2C services to the people of rural India.

- One among the lead developers for Comat's Intranet built using Pylons and PostgreSQL as database backend. The Intranet not only connects the management and operational heads with the employees in the telecenters spread across states in rural locations but also serves as a platform for B2C services offered to the citizens.
- One of the developers involved in the Telecenter Configuration Management System project, a GNU/Linux based platform running Windows within a virtual machine environment, to manage computers in remote telecenters from a central location. It included features like custom Windows login, user and machine authentication especially using biometric fingerprint verification, access restrictions based on role and location, and resource management.
- Performed usability and user experience studies for Comat's Intranet, mostly by performing heuristic evaluation and occasionally through contextual and stakeholder interviews for new projects.
- Designed and implemented a documentation system using Sphinx which could build and update the documentation automatically when something change was committed into the documentation tree in its version controlled source.

## **National Resource Center for FOSS, AU-KBC Research Center, M.I.T, Chennai**

Research Engineer

July 2006 – May 2007

National Resource Center for FOSS is an initiative by Ministry of Information Technology under Government of India to create human resource skilled in implementing and maintaining FOSS solutions. AU-KBC Research Center is a research organization founded by Mr.K.B.Chandrashekar to pioneer research in India through Academic-Private Partnership. The AU-KBC wing of NRCFOSS served as the HR and Training component, involved in various awareness creation and training programs.

- Developed a pilot Conference Management System using Django and PostgreSQL as database backend.
- Design of forms using Report Lab.
- Training in Programming and DBMS for students and faculties.
- F/OSS Awareness creation programs and workshops for academic community and NGOs.
- Mentoring of students for their academic projects using Python.
- Represented NRCFOSS in various national level conferences.

## **Tenmiles Corporation, Chennai**

Jr. Web Developer (PHP)

April 2006 – June 2006

Tenmiles Corporation is a web2.0 entrepreneurship started by Shalin Jain and has successful products like Screenswift, Helpdesk Pilot and Addza.

- Developed an internal Customer Information Management System, using PHP and MySQL as database backend, for managing customer information and automated notifications for subscription renewals.

## **Scope eKnowledge Center Pvt. Ltd., Chennai**

Executive, Business & Commerical Database Services

Nov 2005 – March 2006

Scope eKnowledge Center is a leading information and research organization, falling under the category of Knowledge Process Outsourcing company, offering world class research, database and analysis services to worldwide clients.

- Copy Editor and Technical Writer for the Technical Documentation project, which was a part of Search Engine Optimization project for a leading online B2C directory service company.
- Served as Assistant Team Lead for Business Database generation project for products in construction and pharmaceutical industry.
- Organizing committee member for organizing various cultural activites conducted within the organization.

## **Education**

### **Bachelor of Engineering, Electical and Electronics**

Dr. M. G. R. Engineering College, Chennai (Anna University)

72%

April 2005

### **Higher Secondary Examination (State Board)**

P. S. Matriculation Higher Secondary School, Chennai

83.33%

2001

### **Senior Secondary Examination (CBSE)**

Hindu Senior Secondary School, Chennai

77.4%

1999

## **Training and Certifications**

### **Spring Course in Human-Computer Interaction**

Industril Design Center, IIT Powai, Mumbai

Jan 2008