PALAK NAYAK

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OBJECTIVE

Seeking Internship/Co-up in areas of Web Development, Software Development where I can efficiently contribute my skills and abilities for the growth of the organization and build my professional carrier.

EDUCATION

The University of Texas at Arlington   MS In Computer Science   GPA: 3.3/4.0   May 2017(Expected)
Gujarat Technological University, India BE in Computer Engineering   GPA: 3.4/4.0   June 2014

SKILLS

- **Programming Language**: Java, Ruby, Python, C, Android
- **Operating Systems:** Windows, Linux
- **Web Technologies and Scripting**: HTML, CSS, XML, JSON, JavaScript, jQuery, Ruby on Rails, Heroku
- **Database:** MySQL, PostgreSQL, MongoDB, Redis
- **Software Packages and IDE:** Eclipse, Net Beans, Cloud9, MS Visual Studio, Android Studio, Git

RELATIVE COURSEWORK

Web Data Management and XML   Design and Analysis of Algorithms   Software Engineering
Software Testing   Fundamentals of Wireless Systems   Distributed Systems

PROFESSIONAL EXPERIENCE

- **Software Developer Intern, Jetbro Solutions**   **June 2013 – April 2014**
  - Project: E-Tendering System
  - Developed a web application using Java, JSP and Hibernate that allows registered user to publish or bid tender. Tender owner receives notifications for each bid and he can select the supplier from received requests.

PROJECTS

- **Census Data Manager [Ruby on Rails, Ajax, JSON, MongoDB, Redis, PostgreSQL]**
  - Developed a MVC web application that retrieves Census Data from API and manages the data into SQL and NOSQL Databases on Heroku.
- **Online Movie Tracker [Ruby, AJAX, JSON, jQuery, JavaScript, HTML, CSS]**
  - A dynamic website that displays records of best movies along with their releasing location on Google Map. The website also analyses the statistics of movie viewers using Google chart.
- **Mavs-o-Deal [Android]**
  - Android application for UTA students through which they can buy/sell used products. Buyers can search items from different categories and also can call/message the seller.
- **Day Trader Training Simulator [Java]**
  - The simulation application that trains Day Traders to sell/buy funds. The application issues alarms, warnings and indicators based on Trading Time Left, Price Increase Rate, Volume rate and Buy rate. Also Performed Requirement Analysis and Specification, Test Driven Design, JUnit Testing, JaCoCo MC/DC Coverage.
- **Interfacing a Wireless Device with a Computer [Java, Android]**
  - Either the mobile or the computer initiates a connection to the other device and able to list all files on respective device. Includes features that user can view, download and upload files from mobile/computer.
- **E-Clinic [Java, HTML, CSS, jQuery, JavaScript]**
  - Developed a web application where patient can check the details about the diagnosis of various diseases, availability of doctors, and make an appointment accordingly.

ACTIVITIES AND AWARDS

- Volunteer of Fine Arts Society of India, UTA   August 2015- Present