

RAGHVENDRA DIXIT

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OBJECTIVE Seeking Internship Opportunities as a Software Engineer

ACADEMICS

Master of Science in Software Engineering, San Jose State University, CA (GPA – 4.0/4.0) August 2017 – (expected) May 2019

Bachelor of Technology in Electronics & Communication Engineering, Gurukula Kangri University, India, (GPA - 3.66/4.00)

August 2008 - June 2012

TECHNICAL SKILLS

Database Technologies : Oracle 10g, 11g, PL/SQL, MySQL, SQL Server, MongoDB.

Languages : C, C++, JavaScript, Java, jQuery, MATLAB, Python (basic skills), HTML, CSS, VB Script, SQL*Plus, JIL, YAML.

Development Tools : Pega Designer Studio, Eclipse, Git, SOAP UI, ALM, Accurev, Nodejs, express, Amazon web services (AWS).

Others : Agile, Rally, RESTful services, JSON, Heroku.

SUMMER INTERN

National Chung University, Taiwan

Professor Pao- Ann Hsiung

July 2011 – August 2011

<https://goo.gl/ysc7wt>

- Worked on project entitled Design and Implementation of Road Profiling System, funded by National Science Council of Taiwan, project included field experiments with laser sensor and accelerometer, which resulted in accurate calculations for International roughness index (IRI) and texture analysis of roads.
- Designed and developed **algorithms** for IRI, Texture and profile computation (in C++) which aimed at real time road profile computation of the Road. MATLAB was used for signal processing and noise filtering.

CORPORATE EXPERIENCE – FORD MOTOR COMPANY (4 years 9 months)

Designation: Senior Software Engineer

Ford Motor Company - Global Extended Business Re-engineering [Business Analyst/Pega Developer]

January 2017 – August 2017

- Worked as a Developer and Business Analyst for GESBRE and lead a team of five.
- Successfully delivered launch of Mexico market as an initial milestone for our Global Extended Business Project.

Ford Motor Company - E-Contracting [Business Analyst/Pega Developer]

February 2014 – December 2016

- Worked as Application developer and supported in Eforms migration from Pega 6 to Pega 7 with zero UAT defects and zero Post Production issues.
- Worked as a backfill Pega developer, developed several Customer Facing UI for the application using Pega Designer Studio. Developed Test harness application for Eforms, received appreciation from Business and IT management within the Portfolio.

Ford Motor Company - Parts and Accessories (PANDA) [Programmer Analyst]

December 2012 - January 2014

- Worked as a Programmer Analyst, resolved critical production Issues within agreed level of Service Level Agreements.
- Worked on Incident Management to make sure the application is up and running and later worked on identifying the root cause as a part of Problem Management fix.

Academic Projects:

Smart Home – An AI Web App:

October 2017-December 2017

- Developed a web UI/console to monitor and administer all IOT Devices at one place using Homeassistant framework.
- Controlled various physical sensors (Motion Sensor, LDR, Temperature and Humidity), Integrated real time Tracking for Family Members over Maps.
- Integrated Uber, Lyft, Google Distance Matrix **API** with **Cloud MQTT** services for calculating the Commute timings and associated cost with it.
- Voice commands using Siri and Alexa was used for integration and working of the normal devices to act as smart device.

ACHIEVEMENTS:

- Appreciated as one of the best project "Smart Home" in a class of 105 students by Professor Rakesh Ranjan at SJSU.
- Awarded with Ford Asia Pacific Award for significant contributions for cultivating innovation within the team.
- Awarded with Out of Box thinking accomplishment for resolving a critical production issue in Panda for Ford when the entire application was down and none of the dealers in the Asia – Pacific region were able to access the application.
- Won and received several rankings (1st, 2nd, 3rd) for outstanding performance in Robotics competitions held at National Level at prestigious institutes – IIT Guwahati, IIT Kharagpur, IIT Roorkee, UDML Jaipur and many more.
- Organized and managed several Intra and National Level robotics competitions for freshman and Junior students with an idea for exposure in the field of Robotics and to train and aware them for team building activities.