

MANJIL THAPA MAGAR

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735 Dulles Ave #218

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EXPERIENCE

Full Stack Developer

Cognizant Technology Solutions, Houston, Texas

June 2016 - Present

- Developed and supported web applications built on CodeIgniter, Symfony and CakePHP.
- Designed and developed applications using PHP OO frameworks and utilizing Ajax, JQuery and SOAP Api.
- Performed debugging of client applications for syntax, run-time and logical errors as part of support work.
- Worked with Scrum and Kanban agile methodology and software tools like Version One & Rally for continual and timely delivery.
- Coordinated an onsite and offsite team to deliver services and products to the client.
- Created and maintained customized Customer Relationship Manager - CRM and Content Management System – CMS applications.
- Utilized AWS Cloudwatch, New Relic and SPLUNK for application monitoring, logging and debugging purposes.
- Worked on AWS cloud migration of applications from Armor servers.
- Performed data migration and export using MySQL.

Research & Development Engineer Intern

Smart Systems & Vibration Lab, Texas A&M Qatar

May 2015 – June 2015

- Modelled and Simulated Limited Particle Chain (LPC) Impact Damper on Wind Turbines using Mathematica/Python.
- Analyzed the experimental results on viability of replacing Tuned Mass Dampers (TMD) with Limited Particle Chain (LPC) Impact Dampers.

Undergraduate Research Assistant

Vibration Control & Electro-Mechanical Lab, Texas A&M University

June 2014 – December 2015

- Assembled and tested Axially Levitated High Temperature Magnetic Bearing for Aeronautical implementation.
- Assembled, implemented and tested Fly Wheel Energy Storage System for high capacity storage of electrical energy.

EDUCATION

Texas A&M University, College Station, Texas

Bachelor of Science in Mechanical Engineering, December 2015

Major GPR: 2.9

Skills

- Highly experienced in PHP object-oriented frameworks including CakePHP, CodeIgniter and Symfony with creation of web applications.
- Advanced knowledge of PHP, MySQL/MariaDB on Linux.
- Good experience working with Amazon Web Services like EC2, S3, Amazon RDS, Amazon SQS, AWS Identity and access management, AWS Cloud Watch.
- Proficiency in Object Oriented Programming with a good perception of MVC practices.
- Strong knowledge of SOAP Web Service, RESTful Web Services, XML and JSON.
- Solid working knowledge of JavaScript, JQuery, Ajax, HTML and CSS.
- Skilled in Python, AWS Services, GIT.
- Good written and verbal communication skills.
- Considerable experience and knowledge of software delivery and development, including extensive experience with PHP.
- Strong knowledge of common PHP and web server exploits and OWASP Framework.
- Ability to complete duties on time whilst maintaining a high-quality service.