

# Preethi Chunduri

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<http://preethichunduri.github.io/>

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Ann Arbor, Michigan  
734-882-0206

Software Engineer having more than 9 years in analysis, design, development, testing and implementation of various internet-based applications. Experience with all stages of development lifecycles.

## Highlights:

- Innovative software engineer offering 10 years of experience in the full software development lifecycle – from concept through delivery of next-generation applications and customizable solutions.
- Expert in advanced development methodologies, tools and processes contributing to the design and rollout of cutting-edge software applications.
- Known for excellent troubleshooting skills – able to analyze code and engineer well-researched, cost-effective, and responsive solutions.

## Work - Experience:

Web development Skills: PHP, Angular JS, HTML, CSS, Wordpress, CodeIgniter

Software Developer, EverythingHR - 09/2020-Present, Rochester Hills, MI

- Integration of front-end element created by front-end developers
- Responsible for defining, developing, and evolving software in a fast paced and agile development environment using the latest software development methods and infrastructure
- 1)PHP- Web App Development to create enterprise web portal. 80% New/ 20% sustainment (some legacy PHP Apps)
- Performed technical analysis for development of new features

Dynamic Website Development (<http://preethichunduri.github.io/>)-01/2016-04/2019:

- Integration of front-end element created by front-end developers
- Responsible for defining, developing, and evolving software in a fast paced and agile development environment using the latest software development methods and infrastructure
- 1)PHP- Web App Development to create enterprise web portal. 80% New/ 20% sustainment (some legacy PHP Apps)
- Performed technical analysis for development of new features

Trailing Stop Loss Management (Cryptocurrency - Binance) – 01/2016-04/2019:

- Developed a web-based application which connects to Binance and helps the user to trail stop loss limit for both buy and sell options. Developed Rest-based web services to interact with Binance API using PHP and JQuery to trail the “Stop-loss limit” in Binance based on the trading value.

Machine Learning Skills: Python, PHP, Libraries (Sklearn, TensorFlow, NLP), NOSQL(Cassandra)

Graduate Research Assistant- 09/2020-Present, EMU (School of Engineering), Ypsilanti, MI

- Worked on a Research paper “A student Engagement Tool-Using Artificial Intelligence”.
- Developed a prototype for a predictive analytic tool with machine learning techniques using python libraries like Keras, Textblob, Sklearn, which does the textual classification and performs predicts the engagement number using linear regression.

- Performed textual classification using Naïve Bayes Classification.
- Hosted the application on AWS which is built by integrating both PHP and Python.

Summer Intern- 04/2020-08/2020, University of Michigan, Ann Arbor, MI

- Built an algorithm to retrieve data from an event management system and perform learning analytics on the data with python that uses content based and collaborative- filtering approaches.
- Designed and implemented graph database using Cassandra, allowing for sophisticated real-time product recommendations with a significantly smaller code base.
- Worked on building highly parallelized, big data, machine-learning applications in the cloud.
- Expertise with data analysis languages such as Python (pandas, numpy) and NOSQL.

#### Oracle PL/SQL

(August 2007-May 2015)

Senior Software Engineer, 08/2011-05/2015, JDA India Pvt Ltd, Hyderabad, India

- Worked with many releases and actively took part in mentoring and conducting the sessions on oracle PL/SQL Technology/Applications to the rest of the team members
- Have been part of innovation team and was a key resource in automating the regular work with the help of scripting languages like batch and shell (OS specific)
- Successfully delivered tickets and releases with o-UAT issues by solving many production issues to increase the performance.
- Developed complex SQL queries for generating reports of various modules by using advanced PLSQL concepts like Bulk collect, PL/SQL tables and Dynamic SQL for DML operations for better performance by fine tuning of the existing SQL Queries

Associate-Projects, 08/2007 – 07/2011, Cognizant Technology Solutions, Hyderabad, India:

- Led a team of 4 to design, test and build code to develop and maintain applications which are engaged with different technologies like Perl and Shell scripting PL/SQL, Oracle forms and reports
- Developed a critical feed which is called Visibility reports which helped the customer to give send large datasets in minimal time.
- Actively took part in mentoring and conducting the sessions on oracle PL/SQL Technology/Applications to the rest of the team members

#### Education:

- Master's in computer science from Eastern Michigan University, Ypsilanti, Michigan- 48197 (Present ongoing) PPI: 3.91/4
- B.E(CSE) from Osmania University, Hyderabad, India PPI: 3.55/4

#### Skills:

Programming Languages:	Python, PHP, Oracle PL/SQL, Java, Perl, Shell
Software's:	MYSQL, Cassandra, Toad, MySQL Workbench, PyCharm, PHPStorm,
Methodologies:	SDLC, UML
Servers:	AWS, GoDaddy, Omnis server
Operating system:	Linux, Unix, Ubuntu. Windows 2010.

#### Awards and Recognitions:

- Nominated for Gold Medallion Award at Eastern Michigan University
- Best Performer at JDA India Pvt Ltd
- Best Performer at Cognizant Technology Solutions