

Nandini Goswami

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Looking for a fulltime job opportunity to contribute in an organization's growth and success with my skills and expertise.

Certification

Oracle Certified Professional, Java SE 8 Programmer
Oracle Certified Associate, Java SE 8 Programmer

August 2017-till date
June 2017-till date

Education

Indiana University, Bloomington, IN, United States
Master of Science in Computer Science

August 2016-May 2018

Major courses: Algorithm and design, Applied Machine learning, Big Data Applications and Analytics

Oriental Institute of Science and Technology, Bhopal, India

August 2010-June 2014

Bachelor of Engineering in Computer Science

Major courses: Data Structures, Database Management Systems

Technical Skills

Languages: Core Java, Spring MVC, Hibernate ORM, RESTful, Python, HTML, CSS, Bootstrap, Javascript, JQuery, C, C++, SQL, PL/SQL

Big Data: Apache Spark, Databricks, Tableau, Hadoop

Frameworks, Tools: Microsoft CRM2011, Visual Studio, Eclipse IDE, Git, SVN, jira, SSRS, Pandas, Numpy, ML & MLib, Scikit learn, weka, Django

Professional Experience

Persistent Systems, Pune, India

November 2014 – May 2016

Software Engineer

❖ **Project Teledynamics CRM** (*Microsoft CRM 2011, C#, .NET, Javascript, Rest, Telerik and SSRS Reporting Tool, MySql, Agile*)

Implemented order tracking system integrated with billing systems, product catalogues and data warehouses to generate dynamic sales reports, addendums and product specific reports. Responsibilities included requirement analysis, adding new features and resolving bugs.

❖ **Project Showcase** (*Java, C++, MySql*)

Developed a business intelligence reporting tool that queried on IBMi-series and JDE-ERP systems to analyze and generate reports and charts. Responsibilities included developing new components, bug fixing, unit testing, functional testing and end to end testing.

Award- Received "You made a difference" award for excellent performance in both development and testing.

Academic Projects

❖ **E-commerce website** (*Java, Spring, Hibernate, HTML, CSS, Javascript, JQuery, Maven, SQL*)- Developed a website that would provide a common platform to all aspiring and experienced designer to showcase and sell their creations.

❖ **Diabetic nutritionist** (*Python, MySql, Scikit learn*)-Applied linear regression, k-means and case based reasoning to predict whether a meal is suitable for a diabetic patient or not and provide healthier food substitutes.

❖ **Predicting accident prone areas**(*Spark, Python, Databricks, Tableau*)-Analyzed, visualized and applied decision tree and logistic regression algorithm on UK traffic dataset to classify accident prone locations by severity, dynamically plotted the results on Google maps.

❖ **Amazon employee Data Analysis** (*Python, Scikit learn*)- Applied Decision tree, Support Vector Machine and logistic regression on cleaned dataset to classify employees according to role based access control.

❖ **Decision Tree Classifier (Java) and Bagging and Boosting (Python)**- Developed decision tree classifier, bagging and ada boost without using predefined libraries for nominal values dataset and achieved an accuracy of 91% on monk UCI ML dataset.

❖ **FoodSalsa** (*HTML, CSS, Bootstrap, Javascript, JQuery, PHP, SQL*)-A website that facilitates easy access of menu as per cuisine, food review posts and online food ordering from different food joints within the University.

Leadership Experience

❖ **Women in Computing at Indiana University:** Volunteered for events and served as a voice for women pursuing a career in technology.

❖ **Debugging Competition at Oriental Institute of Science and Technology:** Organised the debugging competition in Tech Fest 2011.