

NEHA SHET

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Education

Master of Science in Computer Science (MS CS) The University of Texas – Arlington, TX	GPA: 4.0	Aug 2016 – May 2018
Graduate Teaching Assistant Database Systems and File Structure		Aug 2017- Present
Bachelor of Engineering in Information Technology (BE IT) Goa University – Goa, India	Distinction – 70%	Aug 2009 – June 2013

Technical Skills

- **Languages:** Java, Python, SQL, Android Development
- **Web Development:** JavaScript, Node.js, AngularJS, Express.js, Hogan.js, Handlebars.js, HTML 5, CSS, jQuery, AJAX, Bootstrap, PHP, RESTful web services, SOAP web services
- **Database:** SQL server, MySQL, MongoDB, Oracle
- **Cloud Platform:** Amazon Web Services(AWS), Google
- **Methodologies:** Agile, UML, Software Design Patterns
- **Big Data Ecosystem:** Hadoop, MapReduce, Hdfs
- **Tools:** Robomongo, Bugzilla, phpMyAdmin, Android Studio, Git, Eclipse
- **Operating Systems:** Windows, Linux

Work Experience and Projects

Academic Projects:

- Implemented Web user interface to upload, download and deletion from Amazon S3.
- Used MongoDB for storing data after converting to NoSQL from relational data using complex JSON objects in Java.
- Developed an E-commerce web application using CodeIgniter Framework.
- Worked on an android app that helps professor update grades and helps the student to track their degree progress.
- Developed an android application to track the obstacles and display the distances from the obstacle and alert.
- Developed Max-Connect 4 Game using MiniMax: Alpha-Beta Pruning with Depth Limited Search algorithms in Python.
- Multi-Threaded Server, Multi-client Chat application using Socket programming in Python.
- Implemented Ring Coordinator Election Algorithm using Sockets for inter-process communication in Python.
- Implemented 2 Phase Locking (using wait/die protocol) for concurrency control in Java.
- Developed Android chat application using Bluetooth socket programming.

Persistent Systems Limited – Goa, India	Dec 2013 – Jul 2016
<ul style="list-style-type: none">• Sticky Web Development: Developed REST API's using Node.js express module. Integrated all these API's with the UI created by the front-end developers.• Storyboard launch: Implemented REST API functions to support features of the applications. Worked on handling and displaying data using templates (handlebars) and DOM manipulation using jQuery. Implemented social share (facebook/twitter) in the application. Integrated Google Maps API.• Skylight Management: Developed UI for the application using AngularJS, HTML 5, and CSS. Handling data to and from the API's and MySQL database. Worked on routing using AngularJS. Performed thorough integration testing of the product.• TryIt e-commerce website: Written API functions for allowing admin to upload product details. Created User Interface for letting users upload their images and generate a snapshot of them wearing the product using Webshot module in Node.js. Worked on payment modules and the logged in flow using o-auth.• Web UI for OIM/OAM: Developed web application for OIM and OAM using the wrapper APIs. Customized user interface as per client requirements.	

Extra-Curricular Activities

- Certification - Development Consultant SAP NetWeaver '04
 - Member of Tau Beta Pi - Texas Eta Chapter
 - Worked as a SAP-ABAP Intern and was mainly involved in the task of Debugging
 - "You made a difference" and "Team Award" from Persistent Systems Limited.
- July 2013-August 2013