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SRIRAM KRISHNAN

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EDUCATION

Binghamton, NY   **SUNY Binghamton**   **May 2017**
- Master's Degree in Computer Science, GPA:3.51
- Coursework: Design and Analysis of Algorithms, Programming Languages, Programming Systems and tools, Operating Systems, Computer Architecture, Data Mining, Information Retrieval, Visual Information and Processing and Design Patterns.

Tamil Nadu, INDIA   **Sastra University**   **May 2011**
- Bachelor's Degree in Electronics and Communications, GPA:3.5

Skills and Technologies

- Oracle Certified Java Programmer
- Java(Proficient), J2EE(Proficient), JavaScript(Proficient), C(expert), C++(basic), VHDL(basic), Verilog(basic), Matlab(basic), Typescript (basic), R(basic)
- HTML5, CSS3, bootstrap framework, XML, Struts, JQuery, Ajax, JSON, AngularJs, Typescript, Spring MVC, Hibernate, Spring Blaze ds, JDBC, Flex, Spring Boot, REST API, WebSphere, Apache Tomcat
- MKS Integrity Client, SOS, SVN, VSS, GitHub, Maven, Ant
- Microsoft SQL Server 2007, Oracle 11g (Relational DBMS), MYSQL
- Eclipse, My Eclipse, Webstorm, Sublime, Linux, Windows, Unix
- Experience with object-oriented Programming

PROFESSIONAL EXPERIENCE

Software Engineer   **Tata Consultancy Services**   **August 2011 - August 2015**

EZ-X, Mumbai, India   **August 2011 - August 2013**
- Worked collaboratively within a team by designing a reimbursement web application for Siemens employees using JSP, Struts, JavaScript, Microsoft SQL Server, Ajax, JSTL and CSS
- Performed migration of Microsoft SQL Server 2005 to 2007 and My Eclipse 5.0 to 6.0
- Enhanced the application by providing multilingual emails by writing complex procedures
- Reduced the query time by removing redundant joins from the stored procedures
- Wrote Junit test cases in order to find bugs for the code developed

Payroll and Budget Applications, Chennai, India   **August 2013-August 2015**
- Provided solutions for the change requests to maintain plant budgets and monthly payrolls for Johnson controls Inc., located in, USA and Germany
- Developed an application for providing IT Access Request to grant access to specific applications based on the roles of the employees
- Used Java, Oracle 11g, JSF, jQuery, Flex, Spring Blazeds for flex integration and Ajax, J2EE, WebSphere application server 8.0 for building the web applications
- Did white paper on effective JavaScript frameworks to foster client appreciation

ACADEMIC PROJECTS

Projects
Bidding Application   **January 2017**
- Used AngularJS, Spring Boot and MYSQL to create a bidding site for college students to buy and sell products

Student Record Backup: **Oct 2016**
- Developed a Java application for automatic backup and storage of Student Records using observer, visitor and prototype design patterns

Course Allocation   **Sept 2016**
- Developed software to allocate courses for students using synchronous data structures