SAYEEDA TASMIA MOHAMMED NASIR

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EDUCATION

Master of Science in Information Technology Management, Illinois Institute of Technology Chicago (GPA – 4.0 /4.0)   **Aug 2019 – May 2021**

Relevant Coursework*:* Rich Internet Application, Intro to Data Networks & Internet, Intro to Open Source Software, Advance Software Programming, Human Computer Interaction, Business Innovation, Project Management, Software Testing and Maintenance, Shell Scripting, Cloud Computing Azure.

Bachelor of Engineering in Information Science, Visvesvaraya Technological University, Bangalore, India (GPA - 7.3/10.0)   **Aug 2008 - May 2012**

TECHNICAL SKILLS

Languages:	Java, J2EE, JavaScript, Python
Web Technologies:	HTML, HTML5, CSS3, AngularJS, React, XML, Node.js, Bootstrap, jQuery, JSON
Scripting Languages:	Bash, Power Shell, Perl
Frameworks:	Spring, Struts, Hibernate
Software Tools:	Git, Visual Studio 2017, Visual Studio Code, Eclipse, Net-Beans, JUnit, JIRA, Bugzilla, SVN, IntelliJ, Sublime
Databases:	SQL, MySQL, MongoDB, SQL Server, PL/SQL

WORK EXPERIENCE

Teaching Assistant, Illinois Institute of Technology, Chicago   **Jan 2020- Dec 2020**

- Assisted course instructor Brian Bailey for the course ITMD – 465/565 – Rich Internet Application with a class size of 59 students for SPRING 2020 and now for Fall 2020 under Professor Maurice Dawson for Data Modelling course with a class size of 50 students.
- Evaluate weekly assignments and projects for the students.
- Resolved queries related to assignments and concepts taught in the class anytime of the day.
- Mentored tackling the issues faced by students with their tasks.
- Conducted both in-person and virtual office hours weekly twice.

Senior Software Engineer, EKA Software Solutions, Bengaluru, India   **Jan 2016 - Jul 2019**

- Collaborated with developers and performance engineer with a team size of 30 and worked on various modules like Physical, Planning, Logistics, Financials, and Settlements of Commodity Trading and Risk Management (**CTRM**) system.
- Advanced new features in Physical, Pricing, and Logistic modules in every sprint of 15 days. Introduced ticketing feature in the logistics module.
- Prepared unit test cases and conducted code reviews. Upgraded the hibernate version to 5.4.1 Final.
- Supported the product by fixing an average of 2-3 production issues, 1-2 change requests (CRs) weekly and improving performance.
- **Tools and Technologies**: Java SE 8, JBoss 6 and Apache Struts 1, Hibernate 2, Spring 3, Maven 3.3.9, Oracle DB, PL/SQL developer, Toad.
- **Clients**: Louis-Dreyfus, Providence Grain Solutions, BroadGrain, Sierentz Global Merchants, Tereos, World Energy.

Software Engineer, DreamOrbit Softech Pvt Ltd, Bengaluru, India   **Apr 2015 - Jan 2016**

- Designed and implemented a **Training Management System** for US based courier services for a period of 9 months.
- Front-end was actualized utilizing **AngularJS** and API calls written in **Ruby on Rails** (RoR) for building 3 modules that is Admin, Customer and Driver.
- **Client**: AM-TRAN

Software Engineer, eMudhra Limited, Bengaluru, India   **Mar 2014 – Apr 2015**

- Exclusively built up a **License Management System** that generates 24 different licenses using **Digital Signature Certificates.**
- Analyzed the legacy code and optimized component code modules. Solely responsible for programming 22 new license generation.
- Prepared technical documents to be utilized by the support team.
- **Tools and Technologies:** Java 7, Spring 3, Hibernate 3, Oracle 11g, Oracle SQL Developer.
- **Client:** Mauritian Government.

PROJECTS

Health Care System   **Jan 2020 - May 2020**

- Developed a healthcare system using Java Enterprise Edition (JEE) in an MVC pattern during my master's program in a span of 3 months.
- The application has 3 modules, Doctor, Patient and Admin where Patients book appointments with doctors with flexibility to reschedule the appointment.
- Doctors can view, cancel or mark the appointment as completed. Additionally, having the option to add medicines to the hospital pharmacy.
- Admin being able to create doctors and patients' profile as well as book appointments.

CERTIFICATIONS AND ACHEIVEMENTS

- Oracle Certified Professional, Java SE 6 Programmer   **Dec 2013**
- Received a Spot Award for Best performance at EKA Software Solutions.   **Aug 2018**
- Received a Best Team Award for Louis Dreyfus upgrade project at EKA Software Solutions.   **Aug 2017**