SAGAR MANIAR

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EDUCATION

Robert H. Smith School of Business, University of Maryland, College Park, MD   Expected - Dec 2016
Master of Science (MS), Major: Information Systems; **GPA: 3.575/4.0**
Hackathon Winner, American Public Health Association, Chicago, 2015

K J Somaiya Institute of Engineering & Information Technology, **University of Mumbai**, Mumbai, India   May 2011
Bachelor of Engineering, Major: Computer Engineering; **GPA: 3.5/4.0**

CORE COMPETENCIES

- Requirement Elicitation
- Agile Methodology
- SQL
- Functional Requirement Analysis
- Java Technology
- Team Management

PROFESSIONAL EXPERIENCE

Point72 Asset Management, Stamford CT, United States   June 2016 – Present
Business IT and Big Data Intern, *Databases & Cloud Technologies*
- Analyzed natural language processing API and provided technology insights for information retrieval from required data.
- Generated reports in Microsoft Office documents to help clients visualize the solution from the mined text.
- Crafted business case & delivered proof of concept for use of graph based databases like Neo4J & OrientDB.
- Integrated ActionGrid with out of box salesforce objects to provide better user experience & data management to business users.
- Designed a solution to monitor Kafka data streams using Kafka connect to gather various metrics like latency & throughput.

Community Well Startup, Robert Smith School of Business, MD, United States   August 2015 - Present
Software Engineer & Business Analyst, *Java & Oracle Technologies*
- Evaluated user stories and developed a scalable solution using Google cloud platform, JSP, Servlets, and JDO.
- Directed requirement elicitation by visiting health fairs and communicating with organizers, healthcare groups and visitors.
- Collected data for 5000 individuals at Community Health Fair; built reports using Tableau to show disease risk prevalence.
- Investigated the prototype and developed solution to address the additional features, improving system efficiency by 25%.
- Proposed a roadmap for enhancing the existing system that helped department save $40,000.

Accenture Services Pvt Ltd, Mumbai, India   October 2011 - July 2015
Software Engineer & Business Analyst, *Java & Oracle Technologies*
- Led software development process for Java Technology modules & drafted logical designs for retail E-commerce client.
- Analyzed mainframe systems and designed a solution in Java technology independently, thereby mapping all requirements from mainframe system to Java Spring Batch, improving efficiency of system by 2.75%.
- Co-ordinated with business stakeholders to gather requirements & created business requirement documents & test scenarios.
- Collaborated with the module team to develop Core Java report generation system with use of POI API.
- Suggested to deliver complex reports, with acceptance rate of 50%, based on Java Technology instead of Cognos, impact being 5% reduction in throughput time and 6.57% reduction in man-hours (Impact Analysis).
- Liaised with senior management and IT module team to manage project schedules for delivery of multiple modules for complete software development lifecycle process (waterfall).

LEADERSHIP ACTIVITIES AND ACHIEVEMENTS

- **Academic Scholarship, University of Maryland:** Earned a scholarship for $10000 for year 2016 Spring and Fall semester as a part of Graduate Assistantship.
- **Module Lead, Accenture Services Pvt Ltd:** Led team of 10 resources for complete SDLC that involved project reporting and documentation to include status, open issues, IT processes and workflows.
- **Lead Author for White paper, Accenture Services Pvt Ltd:** Authored "Dynamic Update Query Using Eclipse Link JPA" paper to help project reduce estimated efforts by 7% in terms of work hours.

ADDITIONAL INFORMATION

- **Research Assistant, Robert H Smith School of Business:** Identified risks and issues with Twilio API and existing system integration Health Innovation and Decision Systems (CHIDS) department.
- **Certifications: Oracle Certified Java Professional**, Accenture Retail Generalist Certification.
- **Awards:** Promoted to Software Engineering Analyst, Accenture Services Pvt Ltd, Mumbai, India, 2013.
  Technical Proficiency:
- **Languages:** Core Java (J2SE), Advanced Java (J2EE), Java Persistence API, SQL, Spring Batch, R, Hive, HTML.
- **Tools:** Oracle database, MySQL, Microsoft Visio, Advanced Microsoft Excel (Macros, @Risk, Palisade Tools, Solver Tables), MS Project, GitHub, Quality Center, SVN, Google App Engine, Data Store, Google Docs, Microsoft TFS, Big Data (Hadoop).
- **Others:** Business Process Modeling, Amazon Web Services, IBM Bluemix, IBM Watson Analytics.