

Ishwar Khatri

75 buttonwood, Piscataway, NJ, 08854 | 607-768-8795 | ishwar.khatri@outlook.com | <https://linkedin.com/in/ishwarkhatri>
<https://github.com/ishwarkhatri>

EDUCATION

Binghamton University, State University of New York
Master of Science, Computer Science
GPA: **3.54/4.00** | Dean's List: Fall 2015 – Present

May 2017

Pune University, India
Bachelor of Engineering, Computer Engineering

May 2010

TECHNICAL SKILLS

Frontend : Angular, TypeScript, Javascript, ExtJS, HTML5, CSS3, JQuery, Bootstrap, BIRT, Ajax
Backend : Java 8, J2ee, Spring (Core, MVC, Boot, Data REST), Hibernate, Struts, Python, Thrift, C
Database : MongoDB, Oracle, MySQL
Miscellaneous : Tomcat, JBoss, Gradle, Maven, Git, SVN, JUnit, Shell Scripting, Agile, Eclipse, IntelliJ

PROFESSIONAL EXPERIENCE

Research Assistant, *State University of New York*, Binghamton

June 2016 – August 2016

- Worked at Cary Institute to research and develop “*Lake Observer*” application
- Developed RESTful services to verify users and provide them with the required Lakes information
- Created services to record data submitted by users regarding conditions of the Lakes
- Generated statistics on the information gathered using BIRT tool to present data in various forms
- Implemented Proof of Concept to establish connections to node, send test data and receive response using REST API
- Addressed existing issues and integrated new features on the front end
- Proposed new design for front end and initial project layout in Angular for further enhancement

Cognizant Technology Solutions, *Associate Project*, Pune, India

July 2014 – July 2015

- Developed a prototype project that worked as a mediator to query data from 90 stock exchange markets and return results to requested projects
- Configured multiple Oracle Message Broker queues to propagate data to underlying projects
- Extensive use of multi-threading API to execute modules related to different stock exchange markets simultaneously
- Remote configuration of Hazelcast nodes in Linux boxes located in APAC, EMEA and Singapore
- Core developer for the project, gather requirements and design the architecture and specifications for various API's developed on JBoss environment
- Strong knowledge in design patterns, and implemented factory design pattern
- Code reviews and work with cross-functional teams to enable the final product to be available in production
- Continuous Integration/ Development and knowledge on tools like Maven, Teamcity, Gradle, Sencha
- Logical checkpoint meetings with technology teams to align on the requirements
- Awarded as Star Performer for co-ordinating with a team on 3 major applications, delivering modules end-to-end

Capgemini, *Associate Consultant*, Pune, India

January 2014 – July 2014

- Developed a Java web application using Spring Boot & Angular enabling project managers to locate available resources (employees) from resource pool based on their skills and schedule interviews
- Responsive Web Design for pages using Bootstrap CSS
- Completely atomized the manual process of internal resource management and project allocation
- Created Use Cases, Sequence, Object Model and Component UML diagrams using UML tool

Atos, *Software Developer*, Pune, India

November 2010 – January 2014

- Successfully implemented a team assignment project that was later used as an internal tool named “*Providentia*”
- Reduced server cost by 70% by migrating existing AS400/Mainframe application to Java
- Implemented design patterns like Singleton for caching and factory design pattern
- Designed and built a highly relational database schema and wrote complex SQL queries using Joins & Views
- Improvised data access layer for performing CRUD operations using Hibernate ORM framework
- Created front end modules to handle automobile parts inventory and fulfillment using Struts and Spring DI
- Awarded as Best Employee for cutting down execution time of an existing batch application from 1 hour to 6 minutes by code reviewing and implementing connection pooling, singleton pattern, multi-threading and exception handling

ACADEMIC TERMINATION PROJECT

BingGo!, (Java, Spring Data REST, Angular, MongoDB) *State University of New York*

April, 2017

- Developed a social web application platform for students to post and share their ideas and other useful information
- Designed & implemented 6 complete modules for POSTS, APARTMENTS, PHOTO UPLOADS, FILE ARCHIVES, EVENTS, etc.
- Full stack development from backend to frontend and deployment of the project to AWS Elastic Bean Stalk server