

LIPI SHAH – Chicago, Illinois

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EDUCATION

Master of Computer Science	Expected Graduation: May '21
Illinois Institute of Technology, Chicago, IL USA	GPA: 4.0/4.0
Master of Engineering in Information Technology	May '16
Gujarat Technological University, Ahmedabad, GJ, India	GPA: 3.61/4.0
Bachelor of Engineering in Computer Engineering	May '14
Gujarat Technological University, Ahmedabad, GJ, India	GPA: 3.89/4.0
Relevant Coursework: Data and file structure, Algorithm Design and Analysis, Web and Data mining, Enterprise Web Applications, Object Oriented Analysis and Design, Advanced Database Organization.	

TECHNICAL SKILLS

Programming Languages:	Java, PHP, C, C++, Python, SAP ABAP
Operating System:	Linux, Mac, Windows (all versions)
Databases/Middleware:	MySQL, SQLite, MongoDB
Web Technologies:	HTML5, CSS3, JavaScript, jQuery, AJAX, Mahout library, XML, JSON, Bootstrap, NodeJS, React, JSP, Servlet, Tomcat 8, Machine learning Apache mahout, Hadoop MapReduce, Docker, Rest API
Test Frameworks/Tools:	Android Studio, Git, Sublime, Eclipse, Workbench, Postman, SAP-ERP 740, LaTeX

WORK EXPERIENCE

Larsen & Toubro Infotech, SAP ABAPER	Sep'16 to Dec '18
<ul style="list-style-type: none">Implemented critical business processes of client needs and requirements using SAP ABAP DDIC, screening programming, Bapis, Badis, Smartforms, SAP scripts, webdynPro, workflows and SD.Worked with technical business analysts to translate functional requirements into technical specificationsMaintained existing products by resolving software errors, keeping abreast of SAP releases, enhancing the products with new functionality and perform application research.	

ACADEMIC PROJECTS

Sport Ticket Buying Portal: Recommendation System (*Java, Mongo DB, MySQL, Python, Postman*)

- Retrieved real time sport ticket data of different sports using Ticketmaster's API.
- Designed ticket selling web platform incorporated with artificial intelligence Recombee API based on collaborative and content-based hybrid techniques by which user can avail most recent and preferred sport tickets.

Web Scraper - An Intelligent Survey of Information retrieval (*Php, Python, JSON, Postman*)

- Extracted web content of multi layered and multi paged DOM structured objects and identified the nodes of contents of user profile, item profile and relation between user and items to get insights into web.
- Increased the speed of content downloading asynchronously and preprocessed the extracted data to dig into crawled data and visualized them by applying data mining technique.

Hybrid Recipe Recommendation System (Ingredient Networks) (*Java, MySQL, Python, Apache Mahout, Hadoop*)

- Designed personalized recommendation model based on content and collaborative approach.
- Improved the system performance graph by getting efficiency of 70%.
- Fed 10,000 recipes, 2000 users with scant user preference data for recipes into system and recommend new recipes by utilizing his profile, ingredients and history which user has never experienced before.

Automated Food Ordering System (*Nodejs, MySQL, Bootstrap, AJAX, jQuery*)

- Designed food ordering system that can be used in food court to increase the performance and quality of the service with real time customer feedback.
- Developed web based and android application that sync with each other and user can opt any of reliable option to place an order.

Shopping Portal and Warehouse Management (*PHP, MySQL, Bootstrap, jQuery, AJAX*)

- Designed shopping portal that permit online order of the items and/or services from the stores that serves both walk-in and online customers.
- Developed web-based application that present online display of the order for customer, inventory and store manager with respective cut-off time and the delivery window for the items selected by the customer.