| Ritika Jain  Masters in Computer Science with Data Science Specialization from IIIT-Delhi.  Having 8+ years of experience in Programming with Java and frameworks, Applying ML techniques to finance related problems. Willing to work in a growth oriented organization where I can put my skills in practice and enhance my skill set. | D-97, Anand Vihar  Delhi-110092  **9811443305**  **Ritikajain7gmail.com**  [Linkedin](http://www.linkedin.com/in/ritika-jain-0796a917)  Have US B1 Visa valid through 2026 |
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| EXPERIENCEGemini Solutions Pvt Ltd, Gurgaon — *Technology Manager*Oct 2015 - PRESENT **Portfolio Analytics - Risk Analysis**  Built backend for products for portfolio managers which they can utilise to create and benchmark different portfolios and download reports for further investment decisions.  Tech stack : Java 8, Spring Boot, Aspose, Oracle  **Centralised monitoring tool (Devops)**  Worked on pub-sub architecture and built scalable and extensible solution to support real time centralised monitoring of jobs to reduce manual intervention by ops team.  Tech stack : Java, Spring MVC, AMPS, Oracle, Rest, MongoDB  **Raven (ChatBot)**  Developed slack chatbot for on-the-go access to business utilities - Operational job status, on-call and others.  Tech stack: Hubot (Coffeescript), Slack, Spring boot Rest Services  **Phoebe (HR Chatbot)**  Human resource chatbot assists in easy on-boarding of new joinees, answering their concerns and reducing redundant requests reaching HR team. Querying policies, applying leave, FAQs can be handled by Phoebie with minimal manual intervention.  Tech Stack: DialogFlow (API.ai), hangouts chat, python flask APIs to achieve the goal.  Deployed on Kubernetes for high availability.  **RPA**  Robotic process automation for repetitive manual tasks to be executed thus reducing requests turnaround time from ~days to ~minutes.  Tech Stack: Autoit with nodeJS. Infoedge India Pvt Ltd (Naukri), Noida —Senior Software EngineerFeb 2014 - Oct 2015 **Search Projects**  Worked on Lucene Framework (Elastic Search) to provide search for various verticals of Naukri, NaukriGulf and FirstNaukri. Different applications (Recruiter Search, Resume Search, Job Search) include different search strategies and sorting algorithms. Backend process involved data cleaning, indexing and building search algorithms for the corresponding application.  **Parser Projects**  Worked with UIMA framework, NLP techniques, POS tagging to build a live resume parser which parses the resume uploaded by the candidate at the time of profile creation and prefills the form fields by extracting information out of the natural language text.  **Data mining project**  Built a classifier to predict the functional area, Industry type using the information provided in the job description or the candidate’s profile. After studying various classifiers, used MAXENT classification algorithm to predict the fields required. eSoftCommunications Pvt Ltd, Gurgaon —Software DeveloperJuly 2011 - July 2012 Worked with Java using Struts framework on the following projects.  NX-Analyzer: Risk management, rule management and rule execution application using in-memory rules engine.  NX-FTMS: Freight Traffic Management System – consisted of capacity management on ports, adaptive scheduling, and dynamic pricing modules.  NX-Monitor: Development of dashboard for Business Process Automation. Defining agents, key-points and Key Performance Indicators. INTERNSHIPTata Research Design and Development Centre (TRDDC), PuneMay 2013 - July 2013 Automated association of regulations with Use Cases under the guidance of Smita Ghaisas. EDUCATIONIIIT-Delhi — *M.Tech CSE (Data Engineering)*July 2012 - May 2014 CGPA - 8.4/10. Northern India Engg college (GGSIPU), Delhi — *B.Tech (IT)*July 2007 - May 2011 77.6%. COURSE PROJECTSRestaurant Finder — Ontology Based retrieval Developed a web application for searching restaurants using ontology based retrieval of information. Spoken Query Retrieval for Verbose queries - Galago Implemented search on spoken queries and considered the verbosity of the query to retrieve relevant keywords using TF-IDF, stop words removal. | LANGUAGES  * Java, J2EE, REST, Python, Perl, JavaScript, AngularJS, NLP, ML, AI  FRAMEWORKS Spring, Camel, Lucene, UIMA DATABASES Oracle, MongoDB, MySQL, AMPS, IBM MQ TOOLS Splunk, Solarwinds, Autosys, Jira, Latex, Rapidminer, Weka, Jupyter, Eclipse, IntelliJ, SVN, GIT, Gitlab PUBLICATIONS **SANYOJAN**  A framework for traceability link recovery between use-cases in software requirement specification documents and regulations in regulatory document.  Published and presented the paper in International Conference on Software Engineering’14 (ICSE) – RAISE’14. POSTER **Presented at GraceHopper Conference 2014 (Bangalore).** CERTIFICATIONS IBM Certified Database Associate professional in DB2 9 Fundamentals  Coursera Certified on Machine learning fundamentals  Coursera Certified on R Programming AWARDS Invited for submission to a special issue of Springer Software Quality Journal for paper presented at ICSE’14  Received ACM scholarship to present paper at ICSE’14.  Best student award (in secondary school, 2005) by the former Honorable Education Minister, Mr. Arvinder Singh Lovely Positions of Responsibilities Placement Committee head for batch in Mtech final year  Volunteered in ICSE’13 and ICSE’14 |