NEHA ARORA

Senior Software Developer

Seattle, Washington  • (253) 332 3169 •  LinkedIn://[neharora1394](http://www.linkedin.com/in/neharora1394)  • Github: [//Neharor](https://github.com/Neharor) Summary

Highly skilled MS CS student with 6+ years of experience in IT, specializing in developing scalable applications using Java, Python, and big data technologies like Hadoop, HBase, and MapReduce. Proven track record of analyzing project requirements and designing efficient solutions that maximize speed and efficiency. Proficient in web development using Spring, data processing, and data analysis, with expertise in cloud technologies like AWS, DynamoDB, and Lambda. Strong background in machine learning, artificial intelligence, and natural language processing.  
   
 Skills & Technologies

Programming Languages: Java, Python, SQL, React  
Back-end: Spring Boot, Spring MVC,Node.js, Express.js,  
Databases: SQL (Oracle), NoSQL (MongoDB, DynamoDB, HBase)  
Cloud & Big Data: AWS (S3, Lambda, API Gateway, CloudWatch), Hadoop, Hive, Kafka  
Machine Learning: TensorFlow, Keras, OpenCV, Amazon Rekognition  
Tools: Git, JIRA, Gradle, Tomcat  
Methodologies: Agile, MVC, AI, NLP, Deep Learning

# Experience

# Cognizant Technology Solutions, Gurugram Gurugram, India

Associate Projects 09/2021 - 09/2023

Client: Amex

Role: Design and develop complex end-to-end multiplatform framework projects.

* Built scalable backend microservices and big data pipelines to process 10M+ card records for personalized marketing.
* Optimized data workflows using Java, Hive, HBase, and Kafka, reducing processing time by 90%.
* Developed key features for data filtering, suppression, allocation, and reporting.
* Improved customer engagement by 25% and cut sales channel costs through data-driven automation.
* Delivered new features and accessibility logic on a multiplatform framework used across teams.
* Provided bug fixes, team support, and weekly on-call production support.

Technologies Used: Java, Spring-boot, Hadoop, HBase, Hive, Spark, Kafka, Scala, AWS (EC2, S3, Lambda, RDS, IAM)

Wipro Limited Gurugram, India

Senior Software Engineer 07/2018 - 09/2021

Client: 250+ Clients like Pepsi, Mc’d, Thomson, Home Depot, All State, etc.

Role: Design and develop comprehensive HR solutions for multiple clients.

* Developed 30+ personalized portal features including eligibility-based access, branding, and content customization.
* Resolved 100+ defects and maintained 99.9% uptime, improving system reliability and client satisfaction by 30%.
* Collaborated with cross-functional teams on requirement analysis, defect triage, and design documentation.
* Performed unit testing and delivered high-quality Java code across multiple client implementations.

Technologies Used: Java 1.8, Spring MVC, Hibernate, Oracle, MySQL, Tomcat, Git, Gradle   
  
Tata Consultancy Limited Nagpur, India   
Software Engineer 11/2016 - 07/2018  
Client: Bridgestone Client (Japan)  
Role: Design and develop comprehensive HR solutions for multiple clients.

* Built and deployed a full-stack inventory management solution, covering system management, backend services, and database operations.
* Created and maintained design documents, conducted requirement analysis, and collaborated with the client to deliver tailored features.
* Developed Tableau dashboards to provide actionable business insights and support data-driven decision-making.
* Improved inventory efficiency by 40% and system performance by 30% across 25+ Bridgestone locations.

Technologies Used: Java 1.7, MySQL, Tableau

Education

City University of Seattle (4.0 GPA)

Master of Science in Computer Science 01/2024 - 06/2025

# North Cap University (3.3 GPA)

Bachelor of Technology (Computer Science) 05/2012 - 05/2016

## Academic Projects

## Visual Insight Generator (2024) - Developed a system using Python with AWS Lambda, API Gateway, and S3 for efficient image upload and facial recognition. Implemented serverless functions in Python for image processing, integrated Recognition for face detection and used DynamoDB for metadata storage. Traffic signal recognition system (2024) - Developed a recognition system using deep learning techniques. Built a model for classifying traffic signs, providing real-time feedback with spoken audio, visual image display, and text. Achieved high accuracy across different traffic signal classes, demonstrating expertise in machine learning and image processing.

## Expiry Tracker for Groceries – MERN Stack (2025) - Built a full-stack application for managing groceries, featuring expiration tracking, cloud storage, AI-powered recipe suggestions, and real-time alerts. Enhanced overall efficiency, minimized food waste, and improved user satisfaction through automated tracking and personalized recommendations.

## Awards

Quarterly, AE extra miler awards in (2019) Illuminate, AE Champion awards (2020)

Achieved Dean's List for Academic Excellence (2024) AI Hackathon participation (2025)