**Neha Arora**

**+**1 (253)-332-3169 | [neha.arora.9413@gmail.com](mailto:neha.arora.9413@gmail.com) | Github: [Neharor/](https://github.com/Neharor)| Linkedin: <https://www.linkedin.com/in/neharora1394/>

**SUMMARY**

Results-driven IT professional with over 6+ years of experience in developing scalable backend systems, full-stack web applications, and big data solutions using Java, Python, and modern frameworks. Proven expertise in building microservices, optimizing data workflows, and delivering high-performance solutions across diverse industries. Skilled in cloud technologies, machine learning, AI, and modern web stacks. Currently pursuing a master’s in computer science to deepen expertise in intelligent systems and advanced computing.

**SKILLS**

**Languages :** C/C++, Java, Python, JavaScript, TypeScript, SQL, Machine Learning, Deep Learning, NLP, AI Automation

**Tools & Technologies:** AWS (S3, EC2, Lambda, Athena, DynamoDB), Docker, Kubernetes, Kafka, Spring Boot, ReactJS, Node.js,  
Express.js, MongoDB, MySQL, Pandas, NumPy, Scikit-learn, TensorFlow, Git, JIRA, REST APIs, Postman

**EXPERIENCE**

**Cognizant Technology Solutions** Gurugram, India

Software Engineer Associate 09/2021 - 09/2023  
Client: Amex

* 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.
* Provided bug fixes, team support, and weekly on-call production support.

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

**Wipro Technology** Gurugram, India  
Senior Software Engineer 07/2018 - 09/2021  
Client: 250+ Clients like Pepsi, Mc’d, Thomson, Home Depot, All State, etc.

* Developed 30+ personalized HR 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: Java 1.8, Spring MVC, Hibernate, Oracle, MySQL, Tomcat, Git, Gradle

**Tata Consultancy Services** Nagpur, India   
Software Engineer 11/2016 - 07/2018  
Client: Bridgestone Client (Japan)

* 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: Java 1.7, MySQL, Tableau

**EDUCATION**

**City University of Seattle(Seattle, Washington)** (2024 - 2025)  
Master of Science in Computer Science(GPA-4.0)  
 **North Cap University(Gurugram, India)** (2012 - 2016)  
Bachelor of Technology (Computer Science)

**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 (2025)** **-** MERN Stack with Generative AI (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)