

# Muqaddaspreet Singh Bhatia

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## EDUCATION

**MSc. Applied Computer Science**, Concordia University, Montreal, Canada  
CGPA: 3.30/4.33

Sep 2023 – Apr 2025

**1-Year Diploma in French**, Guru Nanak Dev University, Amritsar, India  
Marks: 331/400

Aug 2022 – May 2023

**B.Tech in Computer Science**, Guru Nanak Dev University, Amritsar, India  
CGPA: 9.03/10.00

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## EXPERIENCE

**Software Engineer (Full Stack Developer)** | Nagarro Software  
TUNGSTEN NETWORK | [Link](#)

Jan 2022 – Jul 2023

- Developed responsive user-centric designs across **50+ web pages**, elevating user satisfaction among **200,000+ suppliers** in **175 countries** using **Angular, Node.js, and .NET**.
- Achieved a **20% improvement** in web page response times, optimizing database queries for **faster data retrieval**, handling **£133 billion in transactions** in that fiscal year.
- Proactively collaborated with **70+ backend developers** to accelerate e-invoice API integration, improving transaction speed and data consistency.
- Designed **15+ UI screens** with Angular to streamline **component-based architecture** implementation.
- Took ownership of system reliability, reducing errors by **30%** and enhancing customer experience for **200,000+ global suppliers**.

**FC Associate - I** | Amazon

Nov 2023 – Feb 2024

- Collaborated cross-functionally and demonstrated Amazon's **Bias for Action** by consistently exceeding daily fulfillment targets.
  - Reinforced Amazon's **Customer Obsession** by ensuring **100%** accuracy in high-priority shipments.
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## PROJECTS

**Online Food Ordering Application** | [Github](#)

- Developed a dynamic food ordering web application using **React.js** integrating live RESTful APIs for real-time menu data fetching, **reducing data retrieval time by 40%**, and **achieving 95% test coverage**.
- Engineered advanced state management using React Hooks, utilized Parcel bundler and Babel to streamline the build process, **reducing page load times by 35%**, and enhanced UX through lazy loading and efficient component rendering.
- Tech stack:** React, Redux, Jest, JavaScript, HTML, Tailwind CSS, Parcel, Babel.

**Reimbursement Portal System** | [Github](#)

- Engineered a centralized portal, reducing **manual processing time by 60%** enabling admins to handle **5x** more requests.
  - Reduced response time by **35%** and implemented secure authentication with a **100% validation success rate**.
- Technologies stack:** Angular, .NET Core, MySQL.

**Event Management System** | [Github](#)

- Built a .NET MVC web application, enabling users to **create, edit, and track events**, managing **200+ events in testing**.
  - Improved **real-time event updates and invitations**, increasing **user engagement by 20%**.
- Technology stack:** ASP.NET Core, MVC Framework, Entity Framework Core.
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## EXTRA - CURRICULAR

- Deployed a real-time job alert system with **24/7 monitoring** with AWS using AWS Lambda for automation and S3 for storage, significantly improving job application response time and scalability, helping 8 friends secure part-time jobs notifying them within seconds of job availability. [Github](#)
  - Mentored and led a team of 3, organizing university-wide programming competitions that fostered a culture of innovation and problem-solving.
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## SKILLS

**Programming Languages & Concepts:** C/C++, Python, Java, C#, JavaScript, TypeScript, OOPs, DSA, SDLC.

**Cloud Platforms & OS:** AWS (EC2, Lambda, S3), Distributed File Systems, Scalability & Performance Optimization.

**Web Development:** Full-Stack | Frontend – Angular, React.js (Hooks, Context API, Redux Toolkit, React Router, Jest) | Backend – Node.js, Express.js, ASP.NET, MySQL, REST APIs, API Integration, HTML, CSS, Tailwind CSS, Bootstrap, Material UI, npm.

**Tools, Testing & Code Quality:** Git, CI/CD (Jenkins, GitHub Actions), Jira, Postman, Docker, JUnit, SonarQube, Agile.

**Soft Skills:** Customer Obsession, Ownership, Problem-solving, Leadership, Analytical Thinking, Bias for Action, Teamwork, Innovation, Cross-functional Collaboration, Continuous Learning, Adaptability.