Jusnoor Kaur Sachdeva

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151 Highland Avenue , Roxbury , MA 02119

EDUCATION:

University of British Columbia, Irving K. Barber Faculty of Science,　　　　　　　　　　**2020 - 2024**
Bachelors of Science

- Treasurer at UBCO Girls in Tech- A student chapter of the Association for Computing Machinery's Council on Women in Computing (ACM-W), located at UBCO

Delhi Public School, Gurugram, India　　　　　　　　　　　　　　　　　　　　**2017 - 2020**
High School

- First Division - Top 1% of graduating class of 2020
- Blue Blazer Award (Achievement for highest academic scores with outstanding performance in extra-curricular activities) – (2017-2018)
- Outstanding Dance Award at the International Dance and Music Festival (2019)

TECHNICAL SKILLS:

Languages: Java, Python, R, SQL , PHP, JavaScript , XML, C++

Developer Tools: Git , Figma , VS Code , CSS , HTML , Eclipse

Libraries & Frameworks: React, Tailwind CSS , OpenCV, JWT, YOLO

Data Analytics/Visualization Tools: Excel, Tableau, Pandas, NumPy, Matplotlib, Seaborn

Tools & CRM: AWS, Zendesk, HubSpot, JIRA

Others: Office 365

SOFT SKILLS : Innovative and collaborative, Excellent written and verbal communication skills, Proactive, Problem Solving, Communication, Analytical skills, Critical Thinking, Communication, Leadership, Attention to detail

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PROFESSIONAL EXPERIENCE:

North West carrying Company LLP　　　　　　**Delhi (India)**　　　　　　**May 2024 – Sept 2024**
3PL Supply Chain Operator Organization ranking among the top companies (Service Provider) in its field in India
Supply Chain Analyst - Student Intern

- use basic data analysis tools within a company's chosen Enterprise Resource Planning (ERP) system, like SAP or Oracle to collect, organize, and analyze supply chain data, including inventory levels, shipment tracking, supplier performance, and delivery times
- to identify areas for improvement and report key performance indicators (KPIs) to stakeholders

GAOTek Inc.　　　　　　　　　　　　**Delhi (India)**　　　　　　**Jan 2022 -March 2022**
North America-based global leading supplier of advanced fiber optic products
Software Development- Student Intern

- Gained working knowledge of coding programming languages like Python, JavaScript, and Java.
- Demonstrated ability to work as part of a cross-functional team through proven communication skills
- Worked with other software engineers in Agile Scrum teams to design and enhance native software according to business requirements, UX designs, and architectural guidelines

OnActuate　　　　　　　　　　　　**Delhi (India)**　　　　　　**June 2018 -August 2018**
Vancouver (B.C., Canada) based business focused on delivering ERP and CRM solutions
Student Summer Intern

- Collaborated with multiple stakeholders to enhance performance (website applications) and participated in testing by leveraging Agile methodology and tools such as Jira, Confluence and Slack
- Performed data entry and data cleaning by writing SQL queries
- Shadowed a team of Product Managers and Software developers to troubleshoot and determine root cause and resolution for application defects and documented findings for in-flight client engagements

PROJECTS :
GradeFalcon: AI-Powered Optical Marking System | React, Express.js , PostgreSQL, Docker , OpenCV, Flask
- Spearheaded the development of a React-based OMR system, reducing grading time by 95% (from 30 minutes to 1 second per sheet).
- Designed 30+ frontend pages and 35 reusable components using React and Tailwind CSS.
- Built 50+ backend functions in Express.js, including REST APIs for class management, exams, grading, and enrollment.
- Developed LaTeX-generated customizable bubble sheets (up to 252 questions, 2-5 options per question), contributing to OMRChecker.
- Engineered a Flask-based OMR service for scanning and grading 200+ exams with visual feedback.
- Integrated Auth0 for secure authentication and Role-Based Access Control (RBAC
- Optimized backend-OMR file handling by configuring 3 shared Docker volumes.

QClicker Website | HTML, CSS, JavaScript, PHP, Apache Web Server, phpMyAdmin, MySQL
- Instructor and student login/signup functionality.
- Different dashboards for students and instructors.
- Instructors can create and manage courses.
- Students can enroll in courses.
- Instructors can create multiple-choice and short-answer questions.
- Automatically tracks student participation in polls.
- Attendance records are stored and displayed to students.
- Instructor Dashboard: Manage courses, start polls, view results.
- Student Dashboard: View enrolled courses, check attendance, track performance.

Volunteer: Teacher at Harmony Homes (India) – assisting children with learning disabilities with personality development
Interests: Passionate Dancer, certified in Indian Dance forms
Languages : English, Hindi and Punjabi