Ontario,
Canada

ASHU CHAUHAN

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EDUCATION

BSc in Computer Science   **Brock University**   **July 2025**

- **Certificates:** Meta Front-End Developer, Meta JavaScript Programming, Meta Version Control

SKILLS

- **Languages:** Java, Python, JavaScript, TypeScript, SQL, HTML, CSS
- **Frameworks/Libraries:** React, Spring Boot, Next.js, Node.js, Numpy, Pandas, TailwindCSS, Swing, Flutter
- **Developer Tools:** Git, GitHub, VS Code, PyCharm, IntelliJ, Cursor, CLI, Jira

EXPERIENCE

Pro Shop Team Lead   **Grand Niagara Golf Club**   **Apr 2023 - Present**

- Built and deployed a Java/Swing desktop tool to streamline customer check-in, reducing processing time by 75% and cutting manual entry errors.
- Diagnosed and resolve IT issues such as optimizing printer configurations facility-wide to reduce waste and improve operational efficiency.
- Lead daily POS operations (150+ transactions/day), enhancing procedures to contribute to a 25% reduction in discrepancies.

IT Support Technician (Co-op)   **Government of Canada - SSC**   **Sep 2022 - Dec 2022**

- Executed systematic weekly infrastructure health checks on critical servers, identifying potential issues to contribute to nation-wide service stability and outage prevention.
- Performed routine back-end server maintenance tasks (e.g., monitoring, updates) contributing to the achievement of high system availability.
- Collaborated with large-scale technology vendors in weekly meetings to align on technical requirements and escalate critical support issues.

PROJECTS

Golf Handicap Tracker   **Java / Spring Boot / React**   **2025**

- Engineered a RESTful Spring Boot API for golf handicap tracking using official scoring differential logic, with persistent file-based caching and offline-first support.
- Integrated a lightweight React + Vite frontend to display handicap and submit new rounds, connected via REST endpoints.
- Enabled persistent file-based data storage and cache invalidation for reliable offline-first use across server restarts.

Consistify   **Flutter**   **2025**

- Developed a mobile app for users to build consistency with healthy habits through social pressures and community incentives such as points tracking.
- Designed a points system to introduce competition among users within your community in order to incentivize users to stay committed to consistent habit formation.
- Leveraged Gemini and Claude LLMs within Cursor to generate UI components, validate logic, and accelerate development cycles.

CourseMix   **Next.js / React / TypeScript**   **2025**

- Built and deployed a full-stack academic planning platform for Brock University students, reaching 25+ users.
- Engineered backend algorithms to support personalized course recommendations, graduation timeline projections, and secure, encrypted grade storage.
- Automated the ingestion of academic program data into a Postgres database using Python scripts.
- Built encrypted grade storage and intelligent course pathing logic using TypeScript and Postgres, deployed on Vercel with full CI/CD pipeline.