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EDUCATION

Bachelor of Science in Computer Science

Rutgers University • New Brunswick, NJ

09/2021 – 05/2025

PROJECTS

Budget Buddy

07/2024 – 11/2024

Personal Project

- Developed a MERN Stack-based application for expense tracking, delivering a comprehensive system for managing and analyzing expenses in real-time.
- Implemented key features including creating, viewing, and reporting expenses, with an intuitive user interface to enhance user engagement.
- Utilized MongoDB, Express, ReactJS, and Node.js to develop a high-performing web application.

Railway System

10/2024 – 11/2024

Academic Project

- Developed an online railway booking system with customer, representative, and admin functionality using JSP, MySQL, Java, and HTML/CSS.
- Designed and implemented a relational database to manage train schedules, reservations, and user accounts with enforced referential integrity.
- Built a user-friendly web interface for ticket browsing, booking, and reporting, ensuring controlled access for different user roles.

Mobile Pizza

11/2023 – 12/2023

Academic Project

- Co-developed an Android app for a pizzeria, creating JavaFX-based GUIs to manage orders, track status, calculate prices, and export details.
- Ensured a seamless user experience for store staff by implementing features for detailed order management, pizza customization, and real-time tracking.

CERTIFICATIONS

Certified Cloud Practitioner

01/2025 – Present

Amazon Web Services

SKILLS

Languages: C++, HTML, Java, JavaScript, Python, SQL

Data: Data Preprocessing, Data Visualization, Pandas/NumPy, Regression Modeling, Relational Database Design and Management

Web Development: Express, HTML/CSS, JSP, MongoDB, Node.js, ReactJS

Backend Development: Algorithms, Data Structures, PostgreSQL, Redis, SQL

Tools & Frameworks: Axios, Git, JSON, Matplotlib, RESTful APIs, Seaborn