Ronak Rayamajhi

Charlottetown, PE, Canada | raimaji120@gmail.com | linkedin.com/in/ronak120

EDUCATION

Seneca Polytechnic Toronto, ON

Diploma in Computer Programming *Jan 2024 – Sep 2025*

- Relevant Coursework: Data Structures & Algorithms, Database Design, Web Development, Object-Oriented Programming
- Strong foundation in software development, problem-solving, and modern application design

TECHNICAL SKILLS

Programming Languages: Python, SQL, JavaScript, Java, C++, HTML/CSS
Data Science & ML: Pandas, NumPy, Scikit-learn, Machine Learning, Data Analysis, Statistical Analysis
Web Technologies: React, Node.js, Express, RESTful APIs, Responsive Web Design
Databases: MySQL, PostgreSQL, MongoDB, Database Design & Optimization
Tools & Technologies: Git, Linux, VS Code, Jupyter Notebook, Docker, Agile/Scrum
Soft Skills: Problem-solving, Technical Support, Team Collaboration, Customer Communication

PROFESSIONAL EXPERIENCE

Information Technology Intern Jan 2024 – Sep 2024

ICI Computer Pvt. Ltd *Butwal, Nepal*

- Delivered technical support to 50+ customers weekly, resolving hardware, software, and network issues with 95% satisfaction rate
- Optimized system performance by maintaining and upgrading computer systems, reducing downtime by 30%
- Implemented security patches and software updates across 100+ workstations, ensuring compliance with security protocols
- Collaborated with cross-functional teams to support day-to-day IT operations and troubleshoot complex technical issues
- Documented technical procedures and created knowledge base articles to improve team efficiency and response time

PROJECTS

Machine Learning Model Collection | *Python, Scikit-learn, Pandas, NumPy* 2024 – Present

- Developed multiple ML models including classification, regression, and clustering algorithms for real-world datasets

- Implemented data preprocessing pipelines using Pandas, handling missing values, feature scaling, and encoding
- Achieved 85%+ accuracy on classification tasks through hyperparameter tuning and model optimization
- Visualized data insights and model performance using Matplotlib and Seaborn for stakeholder presentations

Full-Stack Web Application | *React, Node.js, Express, MongoDB* 2024

- Built responsive web application with React frontend and RESTful API backend serving 1000+ requests daily
- Designed and implemented MongoDB database schema with optimized queries, reducing load times by 40%
- Integrated user authentication and authorization using JWT, ensuring secure data access
- Deployed application using Docker containers, implementing CI/CD pipeline for automated testing and deployment

Data Analysis Dashboard | *Python, Pandas, SQL, Jupyter Notebook* 2024

- Analyzed large datasets (500K+ records) using SQL queries and Pandas to extract actionable business insights
- Created interactive visualizations and dashboards to present data trends and patterns to stakeholders
- Automated data cleaning and transformation processes, reducing manual processing time by 60%

CERTIFICATIONS

Data Analysis with Python – Certified professional qualification in data analysis and Python programming