Parth Gala

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TECHNICAL SKILLS

Languages: SQL, Python, JavaScript, TypeScript, PHP, Java, C, HTML
Frameworks: React.js, Node.js, Next.js, TailwindCSS
Technologies: MS Azure, AWS, SQL Server, Tableau, Jupyter Notebooks, MySQL, Power Automate, Power BI, Git, Firebase
Libraries: Pandas, NumPy, Scikit-Learn, Matplotlib, TensorFlow, PyTorch

EDUCATION

University of Windsor — Sep 2021 – Present
Bachelor of Computer Science Honours (Co-op), Specialization in AI and Minor in Mathematics — *Windsor, ON*

EXPERIENCE

Software Developer Co-op — Sep 2023 - Aug 2024
Ground Effects Ltd. — *Windsor, ON*
- Designed and implemented optimized PHP code to address diverse project requirements, including database integration, back-end processing, and user interface functionality
- Leveraged complex SQL queries and stored procedures to ensure seamless data extraction and database operations
- Developed web applications and interactive pages, using Next.js to display real time data retrieved from database
- Analyzed data with visualization tools to produce actionable reports, driving data-driven decisions
- Deployed cloud-based workflows to automate routine tasks, improving operational efficiency and reducing manual effort by almost 80%

Data Analyst Intern — May 2023 - Aug 2024
Malad Gas Service, BPCL — *Mumbai, India*
- Optimized monthly statistics reporting by analyzing large datasets and integrating databases using SQL, improving accuracy by 40% and delivering valuable insights
- Designed interactive visualizations that simplified data insights, boosting stakeholder engagement and improving strategic business outcomes
- Collaborated with a team of 4-5 members to drive sales, and provide high-quality customer-service enhancing team performance and productivity

Teaching Assistant — Jan 2023 - Dec 2024
University of Windsor — *Windsor, ON*
- Planned and facilitated labs for 30+ students on topics in Computer Science and provided personalized feedback
- Liaised with professor regarding development opportunities, challenges and assisting with lectures for students
- Coordinated with grading and assessment of 25+ student work, including assignments, quizzes, and tests

PROJECTS

Real-Time Market Data Forecasting | *Python*
- Built a real-time market trend prediction system in a team of 3, using machine learning and deep learning models, with a focus on performance evaluation for improved accuracy achieving a final grade of 100%

Personal Portfolio Website | *Next.js, JavaScript*
- Developed a fully responsive and interactive portfolio website to showcase personal projects and skills

Expense Tracker App | *Java, Firebase*
- Led a team of 4 to develop an intuitive expense tracker app, enabling users to effortlessly manage and monitor their spending while generating detailed monthly PDF statements through a custom API scoring 99%

E-commerce Website | *HTML, PHP, JavaScript, MySQL*
- Designed an e-commerce website with secure user authentication, CRUD operations functionality, and intuitive shopping cart controls

Connect Four Game | *C, CLI*
- Devised and built a command line version of a game called Connect Four, where 2 players compete against each other and first one to get a four in a row wins