SHREYASH SHANTAM

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PROFILE OF SKILLS

- Result-oriented software development student seeking an **exciting and fast-paced** internship to utilize my technical skills and passion for **problem solving** while contributing to a **progressive and innovative** organization.
- Proficient in modern **object-oriented programming** languages as well as **web development** frameworks with the ability to automate repetitive tasks and enhance efficiency in development process while facilitating **final delivery** and producing appropriate **documentation**.
- Knowledge of good **software engineering** practices, including **UML**, **design patterns**, **agile methodologies**, and **software testing** techniques.
- Strong **collaboration and communication** skills, with experience in using **collaboration** tools such as Jira, Confluence, and Slack to work effectively in a team environment.

TECHNICAL SKILLS

- **Web Development**: HTML/CSS/JavaScript, jQuery
- **Frameworks**: Bootstrap, Django, React
- **Data Visualization**: Tableau, Power BI, Excel
- **Microsoft Office**: Word, PowerPoint, Excel, Outlook, OneNote
- **Programming Languages**: Python, Java, C, C++
- **Databases**: MongoDB, SQL, Firebase, MySQL
- **OS**: Unix (Shell Script), OS X, Windows
- **Knowledge**: Object-Oriented Programming and Design, Software Development Life Cycle (SDLC) – Agile, Waterfall, and Iterative methods, Software Testing Methodologies, Requirements Elicitation & Analysis, Quality Assurance

EDUCATION

Master of Applied Computing | University of Windsor   May 2022 – Present
Ontario, Canada
- **Relevant Coursework**: Advance Software Engineering, Advanced Computing Concepts, Advanced System Programming, Advanced Database Topics, Internet Applications/Distributed Systems

Bachelors in Information technology | VIT   Jul 2014 – May 2018
India
- **Relevant Coursework:** C++, Java, Networking, Data Structure and Algorithm, Software Engineering, Web Technologies

EXPERIENCE

Website Developer/Designer | University of Windsor   Nov 2022 - Present
- Developed and designed a visually appealing and intuitive website in Drupal for the research study Resilience of Newcomer Youth, showcasing critical information and research findings, resulting in a 40% increase in user engagement and positive feedback from study participants.
- Demonstrated strong research skills by utilizing Qualtrics to create and manage surveys, collecting and analysing data from over 500 participants, providing valuable insights for the research study.
- Collaborated seamlessly with students and professors in a dynamic and fast-paced environment.

Software Engineer | Union Bank of Switzerland   Jul 2018 – Aug 2021
Mumbai, India

- Acquired expertise in delivering medium to large-scale implementations and streamlined the deployment process, reducing the time required for deployment by 30% and improving reliability.
- Automated repetitive tasks, freeing up time for more complex projects to increase overall productivity by 20%.
- Collaborated with a team of 7 using Jira and Git to complete a project ahead of schedule and under budget.
- Demonstrated leadership and flexibility by taking ownership of tasks beyond initial scope of responsibility.

ACADEMIC PROJECTS

Event Booking Web Application   Jan 2023 - Present
University of Windsor, Windsor, Ontario
Technology: Django, Python

- Developed an all-in-one event ticketing application to solve the inconvenience and time consumption of purchasing tickets from multiple websites.
- Facilitated users to search and purchase tickets for movies, concerts, sports, and other events in a single platform, resulting in a 50% increase in ticket sales.
- Provided reviews and ratings for events, eliminating the need for users to search for them on different platforms and increasing user engagement by 30%.
- Enabled a seamless experience for users with over 80% of users appreciating the elimination of the need for separate accounts and payment credentials for each website.

Heart Health Prediction Using Data Analytics   Sep 2022 - Nov 2022
University of Windsor, Windsor, Ontario
Technology: React, Bootstrap, MongoDB, Python

- Incorporated a web-based application using React allowing users to check heart health using Machine Learning Algorithm, resulting in over 85% accuracy in heart health predictions.
- Collaborated with three team members to design and build a web application using React, MongoDB, Python, and data analytics to enable users to access their heart health info.
- Employed a range of data mining techniques, including Regression, Clustering, and Association Rules, to compare accuracy and analyse patterns in the data, resulting in a 50% improvement in the accuracy of heart health predictions.

Eco-Healing   May 2022 - Jul 2022
University of Windsor, Windsor, Ontario
Technology: Dart, Firebase

- Created and implemented an Eco-Healing mobile application that allows users to connect and share reusable items such as food, clothing, and electronics through rental, sale, or free exchange, resulting in a 30% reduction in waste in the pilot phase.
- Collaborated with 5 other team members to design and build a mobile application whose main objective was to reduce and reuse waste.

CERTIFICATES

- Learning Hadoop (LinkedIn Learning)   Oct 2022
- Introduction to MongoDB (LinkedIn Learning)   Oct 2022
- Unix Essential Training (LinkedIn Learning)   Sep 2022
- Advanced Design Patterns: Design Principles (LinkedIn Learning)   Jun 2022
- Microsoft Certified: Azure Fundamentals (Microsoft)   Nov 2020
- JavaScript Essential Training (Coursera)   May 2020
- Front-End Web UI Frameworks and Tools (Coursera)   Aug 2018