PRIYANKA PATIL

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TECHNICAL SKILLS

Programming Languages: JavaScript, Python, C#, HTML5, CSS3, NodeJS, ReactJS, Flask, JSON, C, C++, XML, XSL, Java, Linux
Databases: SQL, MySQL, MongoDB, SQLite, PHP, Oracle DB, SQL Server, Microsoft Azure, AWS
Version control: Git (Github)
Functional Skills: Web-Based Application Development, APIs, Software development life cycle, Sprint Planning, Agile Methodology, OS Fundamentals, Networking concepts, Embedded Development, Testing, and Debugging,

PROFESSIONAL EXPERIENCE

Triencon Services, United States
Software Engineer Intern   Jan 2023 – May 2023
- Developed components for React projects to display data fetched from API endpoints defined in .NET backend code on 3 use cases. Employed CORS to allow the React app to access the API and render data in the React component using JSX, and conditional rendering based on loading or error states
- Analyzed application performance, identified issues, and increased efficiency by 40% through load testing and containerization technologies such as Docker for deploying and JIRA for managing applications in an agile environment
- Configured and managed databases using Common Table Expression (CTE) such as SQL Server and collaborated with cross functional teams to ensure efficient application development
- Operated database performance through indexing, query optimization, and data normalization, resulting in improved application responsiveness and reduced data retrieval and manipulation time

University of Texas at Arlington
Graduate Student Lead   Jan 2022 - Jan2023
- Led a team of 10 undergraduate and graduate students in configuring and customizing Alma to optimize library operations and user experience
- Provided exceptional user support by promptly addressing inquiries, resolving issues, and conducting informative training sessions for staff and patrons with a 95% average satisfaction rate

Wipro Limited, India
Software Engineer   Nov 2019 – Aug 2021
- Serviced data visualizations using Python on functions like Pandas, NumPy, Scikit-learn, and NLTK (Natural Language Toolkit) for 3 months in pre-training
- Guided technical support and troubleshooting for Trend Micro antivirus products to clients and internal stakeholders, including identifying and resolving malware-related issues by 50%
- Conducted security assessments to identify an average of 15 potential vulnerabilities and risks to client systems and facilitated recommendations for remediation
- Monitored and analyzed threat intelligence data to identify emerging malware threats and assessed mitigation strategies to protect client systems resulting in a 98% success rate in preventing malware infections
- Collaborated with ICICI bank project to process loan applications by checking the Unique Identification Authority of India, KYC method, and personal information fields, increasing efficiency by 50% compared to the older version
- Streamlined Flask applications to create RESTful APIs, enabling seamless communication between frontend and backend systems with 4 team members and facilitating efficient data exchange and processing
- Implemented user authentication and authorization mechanisms using Flask's built-in features or external libraries like Flask-Login and Flask-JWT, ensuring secure access and data protection for authenticated users

EDUCATION

University of Texas at Arlington, Texas (GPA: 3.72 / 4.00)   May 2023
Masters in computer science

PROJECTS

Music Player Web Application   Sep 2022 – Dec 2022
- Led a team of three to develop a web application for admins to add users and songs to display on users' dashboards
- Operated React and NodeJS for seamless connectivity with MongoDB and integrated secure Google login with a high API hit ratio of 0.944
- Initiated Firebase to streamline storage and improve the performance of the React application, ensuring smooth data handling and enhancing the overall user experience

Daily Email Digest   Mar 2022 – May 2022
- Created a Python-based GUI, using the Tk toolkit, to generate a daily email digest with content from 4 API sources, including weather forecasts, Twitter, and Wikipedia
- Integrated a scheduler to refresh the API hits, generate HTML and TEXT files, and send the email digest to recipients at scheduled times