Nitin Prakash

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LinkedIn || GitHub

PROFESSIONAL SUMMARY

- Over 6 years of experience in RPA, web, and desktop application development, demonstrating a strong command of solution architecture and automation initiatives
- Manage app development efficiently with high-quality deliverables. Analyze and solve complex issues, and optimize system performance
- Managed Impediment Backlog, facilitated Daily Scrums, and led Sprint Planning sessions to enhance project agility and delivery efficiency
- Proven ability to lead and collaborate with diverse teams, fostering a productive and harmonious work environment
- Skilled in machine learning, specializing in developing and optimizing algorithms and neural networks using Python, PyTorch, and C++, applied effectively in data analysis and bioinformatics

EDUCATION

Northern Arizona University   Flagstaff, Arizona - USA
Master of Science in Computer Science
Course Taken: Deep Learning & Machine Learning, Applied Business Intelligence, Large Scale Data Structure, Data and Text Mining Business Analytics, Computer Networks, Modern Regression, Algorithms, Data Warehousing, Advance Software Assurance

Jain University   Bengaluru, Karnataka - INDIA
Bachelor of Engineering in Computer Science

EXPERIENCE

WellStar Health System   Remote - USA
IPA Developer   May 2023 – Present

- Acquired an in-depth understanding of healthcare IT fundamentals through a comprehensive core curriculum, facilitating the implementation of streamlined processes and technologies that resulted in improved efficiency and enhanced internal process
- Recognized for contributing to the success of the department through the implementation of innovative solutions and initiatives

Information Services Group   Bengaluru, Karnataka - INDIA
Consultant   Nov 2021 – Aug 2022

- Aligned RPA solutions with organizational objectives, saving approximately 15-17 hours per day through business process optimization
- Directed the full-cycle development of 5 RPA initiatives, enhancing operational efficiency and effectiveness
- Fostered collaboration to ensure seamless integration and high user satisfaction with RPA implementations
- Oversaw production releases, providing comprehensive support and optimization for RPA solutions

WNS Global Services   Bengaluru, Karnataka - INDIA
Assistant Manager TS RPA   May 2021 – Nov 2021

- Successfully resolved production issues for the managed service team, ensuring smooth operations with minimal downtime
- Created important documents such as process definitions, solution designs, and TO-BE maps to simplify RPA implementation and increase process automation efficiency
- Developed and tested RPA solutions using various tools, resulting in significant improvements in productivity and process efficiency
- Led a team of 5 members in managing RPA process releases, providing hyper-care support for smooth transitions and optimized performance

Symphony Ventures   Bengaluru, Karnataka - INDIA
Consultant   Jun 2018 – May 2021

- Trained 40+ employees in RPA and programming, boosting their ability to use automation tools for operational efficiency

- Received recognition for outstanding performance in the BPW 2020 Automation Reviewer Challenge, showcasing expertise and contributions in automation
- Oversaw the development and implementation of 20+ RPA processes, leading to improved efficiency and reduced errors
- Created a crucial PowerShell script to activate OneDrive, resolving a major operational bottleneck and saving a key client $20 million
- Created a C#.Net and WPF desktop app with a Material Design interface. It manages user profiles, purchase orders, and requisition data. The app boosts efficiency and generates reports

Excelsoft Technologies Pvt. Ltd.   Mysuru, Karnataka - INDIA
Trainee-Programmer   Sep 2017 – Jun 2018
- Conducted groundbreaking R&D on RPA, driving automation adoption and process optimization
- Completed R&D on Amazon Polly, enabling the implementation of advanced text-to-speech capabilities

Extrieve Technologies Pvt. Ltd.   Bengaluru, Karnataka - INDIA
Trainee-Software Engineer   Oct 2016 – Jul 2017
- Developed banks websites to improve digital presence, communication, and information-sharing efficiency
- Created a comprehensive req. matrix from business requirements for accurate project execution guidelines

PROJECTS

Developed and Optimized Neural Network Models using PyTorch
- Created and optimized linear and deep neural networks using PyTorch, demonstrating skills in model training and hyperparameter tuning
- Analyzed spam and zip datasets, comparing PyTorch models to Machine Learning algorithms with strong data handling and model evaluation

Convolutional Neural Network Implementation and Comparative Analysis
- Developed a Convolutional MLP class for binary classification, achieving optimal validation losses through effective epoch tuning and showcasing adeptness in convolutional network architectures
- Conducted rigorous test accuracy comparisons between Convolutional MLP, K Neighbors Classifier, and Logistic Regression across multiple datasets, highlighting proficiency in network parameter optimization and model evaluation techniques

Efficient Genomic Sequence Analysis in C++
- Developed Needleman-Wunsch and BLAST algorithms using advanced C++ techniques, showcasing expertise in bioinformatics and algorithm optimization
- Optimized data structure and performance analysis for faster and more accurate genomic sequence matching
- Conducted comparative studies of sequence alignment methods with efficiency in handling large genomic datasets and analytical skills

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Python, PyTorch, TensorFlow, C, C#, C++, Java, SQL Server 2012, Microsoft Bot Framework, Vb.Net, HTML, CSS, JavaScript, JSON, jQuery, Bootstrap, Robotic Process Automation, Frontend
Tools: Blue Prism, UiPath, AA, Power Automate, Power Apps, Power Bi, RapidMiner, GitHub, Postman, Twilio
Certifications & Training: Blue Prism Solution Designer (ASD01), Blue Prism Certified Professional Developer (APD01), Blue Prism Developer Certification (AD01), UiPath Developer Certification,
Automation Anywhere Bot Developer
Achievement: BPW 2020 Automation Reviewer Challenge! - Link