Pranav Rayapati

pranavrayapatin@gmail.com | +1 214-616-2018 | www.linkedin.com/in/pranav-rayapati-939b291a1

EDUCATION

The University of Texas at Arlington   **Arlington, TX**
Master's in Computer Science   *May 2024*
Course work: Intelligent Systems/Robotics, Machine Learning, Software Engineering, Data Mining, AI-ML, Web Data Management,
Design and Analysis of Algorithms   **CGPA: 3.83/4.0**

BMS Institute of Technology   **Bangalore, India**
Bachelor of Engineering in Computer Science and Engineering   *Aug 2021*
Course work: Big Data Analytics, Advanced Java & JEE, Cloud Computing &its Application, Operating Systems, Cryptography, Network Security&
Cyber Law.   **CGPA: 3.6/4.0**

TECHNICAL SKILLS

Languages: C, C#, Java/J2EE, HTML, CSS, PHP, JavaScript, Python
Database: Oracle SQL, MSSQL, PostgreSQL, MongoDB
Project Management tools: GIT
Other Technologies: RPA (Robotic Process Automation), ETL (Power Center),Tableau, Salesforce, Solar, Spark, Zookeeper, ElasticSearch
Tools: Blue Prism, UI Path, Informatica tools (EDC, DPM, Axon, Advance Scanner), Maven, Postman, Tomcat, Insomnia, JIRA, Confluence
Frameworks: Spring Framework, Spring Boot, Junit
Platforms: Windows, Linux, MacOS

WORK EXPERIENCE

Barclays Shared Services Pvt Ltd   **Chennai, India**
Process Automation Developer   *March 2022 – Aug 2022*
- Integrated RPA workflows with Rest APIs, web services, and databases, enhancing automation efficiency by 40%.
- Efficiently integrated a Python script with Blue Prism, streamlining information extraction from incoming emails and achieving a notable efficiency gain of approximately 30%
- Streamlined processes and implemented changes, reducing processing time by 20% and improving task efficiency by 30% within 3 months.
- Collaborated with senior RPA developers to enhance existing automation solutions, optimizing workflow efficiency and accuracy by 40%
- Tested and debugged 10+ RPA workflows, resolving issues to ensure a reliable automation process.

Informatica Business Solution Pvt Limited   **Bangalore, India**
Associate Software Engineer   *Jan 2021 – March 2022*
- Performed detailed issue replication on Informatica tools and provided robust customer support via Salesforce for Informatica applications, increasing customer satisfaction by 25%
- Collaborated with R&D via Jira, leading to 10+ product enhancements based on customer feedback
- Accumulated hands-on exposure to Linux systems, prominent big data tools (Spark, Zookeeper, Solar) and networking protocols (SSL/TCP)
- Proficiently harnessed Microsoft's LDAP services to expertly oversee user identities and group memberships in Informatica's EDC, resulting in an impressive 20% efficiency boost
- Created 30+ guides and led 50+ training sessions on Informatica products, enhancing client self-service by 30%.

Bharat Sanchar Nigam Limited   **Mysore, India**
Intern   *Jan 2018 – Jul 2018*
- Acquired knowledge of fundamental telecommunications technologies such as GSM, LAN (Ethernet), and Optical Fiber Communication (OFC) pertinent to network operations, improving system understanding by 30%
- Gained proficiency in control protocols, IPV4/6 configuration, clustering techniques, the OSI ISO reference model, and troubleshooting techniques, enhancing network efficiency by 25%
- Enhanced data throughput by 20% through work on optical splicing, digital switching systems (PDH, SDH), and PCM
- Integrated these technologies to optimize network performance and reliability, resulting in a 15% reduction in downtime

PROJECT EXPERIENCE

Sentiment Analysis with CNN and BERT Models   *Aug 2023- Dec 2023*
- Led a sentiment analysis project using CNN/BERT models with advanced data preprocessing and word embedding.
- Achieved over 90% accuracy on 50,000 reviews, demonstrating strong data engineering skills

Cloud Share: Client- Server File System   *Jun 2023 – Jul 2023*
- Developed a DropBox-like file sharing system using Java RMI, WatchService API, and CompleteableFuture for seamless client-server file sharing. Demonstrated Java RMI's effectiveness in secure, distributed file-sharing solutions.

Drowsiness Detection System   *Oct 2022- Nov 2022*
- Developed a CNN for image classification using Keras, including an input layer, 5 hidden layers with ReLU activation, and a 2-node Softmax output layer. Trained on Kagle Dataset, achieving 90% accuracy in predicting whether eyes are open or closed.

Online Admission System   *Jul 2018 – Dec 2018*
- Created web-based Online Admission System using HTML, CSS, SQL, and Java, for optimizing the admission process for educational institutions
- Improved UI with JavaScript, implemented Log4j for logging, utilized GIT for version control, JUnit for testing.

CERTIFICATIONS

Java and Spring Framework for Beginners with Spring Boot– Udemy
Fundamentals on Analytics on AWS- AWS skill builder
Data Structure – Udemy