

ROBIN SAMUEL MATHEW

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EDUCATION

Master of Science in Computer Science and Engineering (Software Systems),

Expected December 2023

University at Buffalo, The State University of New York

Bachelor of Engineering in Information Technology,

June 2018

Fr. Conceicao Rodrigues College of Engineering, Bandra, Mumbai.

PROJECTS

Online Dictionary:

Jan 2023 - May 2023

Created an Online Dictionary Website using **React** and **NodeJS**, hosted on **IBM Cloud** to give out meanings of words entered with pronunciation. Words were parsed and indexed using **Solr** and stored in **MongoDB**. Two components provided Word of the day and Trending word based on popular search.

Ticket Collection DApp on Blockchain:

Jan 2023 - May 2023

Developed a Movie Ticket Collection DApp using **Solidity** hosted on **Netlify** where users can generate and buy or sell their ticket tokens using **MetaMask** and transfer it between accounts. A front-end site was built for it using **ReactJS**.

AR (Augmented Reality) Games with Leap Motion:

July 2017 - April 2018

Developed games for autistic kids using via **Unity 3D** and **C#** and analyzed the Motor skills and Social Interaction improvement over traditional methods. The games were controlled using hand gestures detected by infrared rays using the **Leap Motion** device.

PROFESSIONAL EXPERIENCE

Senior Software Engineer, Accenture Solutions Pvt. Ltd, Pune,

October 2018 - July 2022

- Planned and drove meetings with an automotive client for all deployment planning and led a team of 4 for all deployment activities. Deployed 1 Application wholly and 3 subsequent minor deployments and 4 major deployments which cater to 10000 people in the EU.
- Designed and developed an automation bot to monitor ticket queues and send out emails to teams if P1/P2 tickets are present in queue for >20mins and improved ticket resolution time by 4-5 hours.
- Developed Scheduling jobs on Linux and Windows servers to delete dump files to prevent over-consumption of space.
- Designed and developed an Automation bot to monitor message queues and send an alert based on threshold.
- Linked an Automation bot with Twilio API to make calls to respective on-calls in case of Application failure.
- Mentored and directed a group of 3 to build efficient automations using Java and Python with Selenium as part of the Automation Team.
- Investigated to find issues and did **Root-Cause Analysis** in case of application outage and resolved it.
- Led a team of 2 for developing an automation tool to extract data from a client website and automated emails to different teams based on data type and saved 45 hours of manual work per week.
- Provided Support to 6 live applications and managed Capacity and Event Management cross-functions activities.
- Developed automations using **Java & Selenium Web Driver** to automate various tasks & saved 400 manual hours monthly.
- Maintained and Upgraded the Automation tools, deploying Java with Selenium WebDriver Framework, to implement activities of project team. Resulted in saving 20hours of manual work every week.
- Migrated and modified automation from old to new ticket monitoring tool with all new functionalities.
- Upgraded automated bots from **Sikuli** (Image based search) to **Selenium** to improve performance and efficiency by 80%.
- Built a Ticket Dispatching Automation using Blue Prism RPA (Robotics Process Automation) tool.

SKILLS

- Languages: Java, SQL, HTML, CSS, Python, React.js, Selenium WebDriver, Solidity, pandas, NumPy, BeautifulSoup.
- Technologies and Tools: Informatica, Talend, Tableau, QlikView, Blue Prism, UiPath, Power Automate, Postman, Git.

CERTIFICATIONS

- The Complete Web Developer Course 2.0 by Udemy. [2018].

ACHIEVEMENTS

- Recipient of **FY22 Q1 ACE** (Accenture Celebrates Excellence) Award under Team Category. [Feb 2022]
- Received the "**Spot Award**" for exemplary performance and quick development of automated bots throughout my tenure.
- Received "**The Captain's Award**" for undertaking proactive measures to prevent Application inaccessibility to 2000+ users and provided a detailed and quick solution to users facing issues. [March 2020, September 2021]
- Received "**Idea of the Month**" Award in Accenture Solutions Pvt. Ltd. for Innovative Automation Tool, 2020.