|  | PROFESSIONAL SYNOPSIS  * Expert in Java Back-End Developer. Have good experience in developing web applications and backend systems. * Have more than 2 years experience in developing back-end APIs for client servers. * Highly skilled Java Developer with 2 years of experience designing, developing, and deploying Java enterprise applications. Experienced in developing web-based applications, troubleshooting and debugging code, and working with relational databases. * Operated in various IDEs like VSCode, Visual Studio, Spring Tool Suite, Eclipse and IntelliJ * 2 years’ Experience in Spring/Spring Boot framework * 2.5 years experience in Java and J2EE * 2 years’ experience in Hibernate Framework * Expert in developing automation frameworks and scripting. * Highly Familiar with Selenium and Appium framework * Familiar with TestNG and Cucumber Framework * Have 2 years’ Experience in Developing Test Automation Framework with Database, Android and. Web Automation integration * Have 1 year experience in Database Management such as Oracle, MySQL and H2 Databases * Proven ability to work with databases, debug code, and test applications. * Skilled at writing clear, concise code that is easy to maintain and troubleshoot. * Experienced in working with teams across multiple projects and companies. * Able to work independently of remote locations or in office environments as needed by the company. * Worked as an Embedded C++ software developer in EPD Singapore Services and MPICS. * 6 months experience in Front-End development with HTML,CSS and reactJS.  EXPERIENCEDot Net Developer and Test Engineer at MicronMarch 2024 - Present  * Helped with the email automation system and scripted email authentication and documentation systems * Developed Simulation softwares for various Micron semiconductor machinery that conducts testing on chip production. * Owned processes involving ASML scanners metrology tools and photoresist etching. * Developed Back-End Java API systems for Data Transfer between multiple integrated systems.  **Java Developer and Automation Test Engineer** **Capgemini (S) PTE. LTD., Singapore**NovememR 2021 – August 2023  * Helped with the development of OAuth2.0 security system to ensure payload transfer between each server and properly secured. Car loan application project was able to proceed of my development. * Developed applications to retrieve application logs for the testers to retrieve logs. * Worked as Automation tester for multiple testing projects in UOB. * Worked as Software developer in Test by updating the Automation framework by integrating web browsing with Mobile automation and introduced SQL database integration to store automation test data instead of reading from Excel sheet. * Built a complete authorization server system for Overseas payment to encrypt/decrypt payload to an from external vendors to local bank websites. I have ensured that the Overseas Payment project proceeded without any delay from the other development teams * Built a insurance data encryption/decryption server network for security of insurance data for banks as well as accessibility and readability of data within UOB network * Built a back-end servers to encrypt/decrypt client information through OAuth2.0 encryption/decryption and send it to the internal UOB servers securely. * Built high-concurrency Back-End database networks to track client requests and responses within the UOB TOSCA servers * Built both front and backend system for Car loan application system using Spring Boot and ReactJS.    Junior Embedded C++ Software Engineer**MPics INNOVATION, Singapore**August 2021 – November 2021  * Built a light intensity detector device and timer device using texas instruments microcontroller.  Junior Embedded C++ Software Engineer**EPD Singapore Services, Singapore**august 2020-july 2021  * Successfully built an embedded software system to detect electrical connectivity. * Scripted unique test plans, test scripts with different conditions to ensure product developed meets the criteria of SAF. * Improved the efficiency of hardware testing of SAF devices by 45% through my device.  ACHIEVEMENTS  * **Built a SAF Electrical Connection Testing device (Embedded C++)**   Built a electrical connectivity testing device for SAF in a period of 6 months using Arduino Microcontroller   * **Built a light-intensity tracking device from scratch(Embedded C++)**   Built a light intensity tracking system in a period of 4 months with MPICS Innovation. Used Visual Studio to complete this project   * **Improved existing Automation Framework of UOB Client through Capgemini**   I included JDBC database configuration together and integrated Web Automation testing with Android Automation framework.  Used knowledge in J2EE and Java and HIBERNATE and Spring to complete this project   * **Built a firebase Authentication backend server system for both payload encryption and decryption for car loan application project in UOB**   I built a back-end server to encrypt /decrypt client information through OAuth2.0 encryption/decryption and send it to the internal UOB servers securely.  Used knowledge in J2EE and Java and SPRINGBOOT to complete this project   * **Built a firebase Authentication Server API system to be integrated with the TOSCA servers to enable Overseas Payment**   I built a back-end server to encrypt /decrypt client information through OAuth2.0 encryption/decryption and send it to the internal UOB servers securely.  Used knowledge in J2EE and Java and SPRINGBOOT to complete this project.   * **Built a INSURANCE Server API system to be integrated with the TOSCA servers to oversee insurance processes within UOB**   I built a back-end server to encrypt /decrypt client information through OAuth2.0 encryption/decryption and send it to the internal UOB servers securely.  Furthermore, I enabled database and job scheduling and logging.   * Improved the Existing Automation mobile framework in UOB   I introduced web automation with already existing mobile automation framework to complete automation tasks that was unable to be automated and had to be done manually (E.g.=> Getting otp to initialize account opening etc). Furthermore, I integrated testdata database with the automation framework which allowed the company git repo spae to be saved by 41%  Used Selenium,Appium as well as Oracle and Hibernate framework to complete this tasks   * **Completed Java Full Stack Course** * **Completed NTUC Learning Hub SCTP Java Full Stack Course for me to develop into a Full Stack Java developer**  EDUCATIONB.Eng(Hons) in Electrical and Computer Engineering (GPA:4.02) nATIONAL UNIVERSITY OF SINGAPORE, SINGAPORE  07/2016 – 07/2020  **SCTP Java Full Stack Developer Certification**  LHUB, SINGAPORE  10/2023 – 12/2023  **Graduate Certificate of Computing Foundations I**  NATIONAL UNIVERSITY OF SINGAPORE, SINGAPORE  08/2023 – 12/2023  (Was TRAINED in PYTHON DEVELOPMENT) |
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| KR SATHYASAI  JAVA BACK-END DEVELOPER &  AUTOMATION QUALITY ENGINEER |
| profile  * I am an experienced and a passionate Java backend developer and an automation Quality engineer. I possess strong technical skill sets and worked on multiple initiatives independently and enhancing existing frameworks bringing a good return for the project. * Experienced Java Developer seeking a challenging position to utilize my skills in developing efficient and high-quality software solutions. Dedicated to leveraging my expertise in Java, J2EE, and Spring Framework to support the company's growth and success. * Have experience in Front-end ReactJS development  CONTACT **Email:** eeenginmaster95@gmail.com  **Nationality:** Singaporean  **Reference:** www.linkedin.com/in/raghuram-sathyasai-0b5943255  **Phone:** +65-96196995  **Residential address:** Yishun Singapore KEY SKILLSStrong interpersonal skillsStrong Communication skillsAbility to work collaboratively as a part of team and also as an individual contributorProblem Solving capabilityAbility to work under pressureSKILLSETSJAVA (ADVANCED)C++ (ADVANCED)SQL(INTERMEDIATE)MAVEN(INTERMEDIATE)GIT(INTERMEDIATE)JAVASCRIPT(BASIC)HTML(BASIC)CSS(BASIC)FRAMEWORKSSPRINGSPRINGBOOTHIBERNATEREACTJSSELENIUMAPPIUMCUCUMBERTESTNGTECH-STACKECLIPSESPRING-TOOL-SUITEVISUAL-STUDIO-CODEVISUAL STUDIOMYSQLH2ORACLEINTELLIJ REFERENCES  1. Ganesh Prabakaran  Test Manager, Capgemini (S) Pte Ltd  [Ganesh.prabakaran@capgemini.com](mailto:Ganesh.prabakaran@capgemini.com)  2. Nitiz Verma  Technical Architect, Capgemini (S) Pte Ltd  [Nitiz.verma@capgemini.com](mailto:Nitiz.verma@capgemini.com) |