KIRAN SARAVANA
Software Engineer

LinkedIn | **Location:** Dallas, TX | **Email:** 98kirans@gmail.com | **Phone:** +1 (724)-717-5347

E D U C A T I O N

University of the Cumberlands - Dec 2024   **Williamsburg, KY, USA**

Master of Science in Information Technology - online - GPA 4.0

Indiana University of Pennsylvania - May 2022

Master of Business Administration in Management Information Systems - GPA 4.0   **Indiana, PA, USA**

W O R K   E X P E R I E N C E

Software Engineer | JP Morgan Chase & Co. | Plano, TX, USA   **Feb 2022 - Present**

- Java developer dedicated to fortifying the backend of the CDA (Chase Digital Assistant) chatbot, with a primary focus on API Development, release planning, seamless implementation, and production release support. Actively engaged in Java Spring boot API development, working towards creating new features for the CDA to enhance its capabilities. My responsibilities include new API development, maintenance, and support on existing APIs, meticulous release planning, seamless implementation, and providing production release support for these API driven features.
- Successfully transitioned from the Corporate Investment Banking IT department to the Consumer and Community Banking IT department, specializing in Java development.
- Executed implementation planning strategies, managed production releases, and migrated databases using Oracle and BMC Control-M in prior roles within Corporate Investment Banking.
- Proficient in Jira, Confluence, and ITMS tools like ServiceNow, leveraging them for streamlined release processes and effective implementation.
- Successfully implemented True CI/CD guidelines like Contract Testing, Component Testing with Hoverfly, Blue Green Deployment in multiples applications.
- Drove development and optimization of backend Java Spring boot APIs, implementing modernized frameworks and performing upgrades.
- Utilized tools like FileZilla, WinSCP, Git, and Bitbucket to enhance Java development processes and seamlessly integrate them.
- Leveraged Splunk for data analysis, ensuring successful production releases and providing crucial support during post-release, troubleshooting complex Java-related issues.

Graduate Assistant | Indiana University of Pennsylvania | Indiana, PA, USA   **Aug 2021 - Dec 2021**

- Drove impactful research initiatives, fostering collaboration with departmental and faculty members.
- Streamlined administrative functions to enhance efficiency within the academic environment.
- Played a crucial role in crafting and executing strategic plans for successful events and seminars.
- Contributed significantly to the overall success of the management team.

Research & Development Intern | IEEE Photonics Society | Published | Bengaluru, KA, India   **Aug 2019 - Jan 2020**

- Worked on Quantum Dots and engaged in hands-on experiments with QCA Designer.
- Conducted research and development on various projects related to electrical engineering and computer science.
- Implemented new technology and techniques to enhance system performance and efficiency.
- Collaborated with cross-functional teams to design and develop new products and features.
- Assisted in the testing and troubleshooting of new and existing products, providing feedback and suggestions for improvements.

S K I L L S

Languages: Java, Python, Bash, JavaScript, PHP, HTML5, CSS3   **Frameworks:** Spring Boot, Spring Security, Bootstrap
Database: MySQL, Oracle, PL/SQL   **Utility:** AWS, PCF, Putty, WinSCP, FileZilla, Railway
Monitoring: Splunk, Dynatrace, Control-M, Grafana   **IDE:** IntelliJ, VS Code, PyCharm, Eclipse, Jupyter Notebook
CI/CD: Jules, Jenkins   **Management:** Jira, Confluence, Agile, GIT, Bitbucket, GitHub

P R O J E C T S

Python | Real Time Currency Converter | Indiana University of Pennsylvania | Indiana, PA, USA

Developed a real-time currency converter using Python, incorporating APIs for live data and a user-friendly GUI, with features for exploring historical exchange rates.

IoT ML | Smart Bus Shelter and Connected Buses | Published | The Oxford College of Engineering | Bengaluru, KA, India

Developed a prototype using Raspberry Pi, Arduino Uno, and sensors to reduce density in buses and shelters, storing data in the cloud and interfacing with an Android app and website for live density monitoring. Applied linear regression and Random Forest Algorithm for analysis and provided a virtual solution.

Web | Food Blogging Web Portal | The Oxford College of Engineering | Bengaluru, KA, India

Built an animated and interactive web portal for a food blogger, using HTML, CSS, Bootstrap, MySQL, and PHP to create a social platform for sharing recipes.

DBMS | Hostel Management System | The Oxford College of Engineering | Bengaluru, KA, India

Developed a scalable database management system using MySQL to manage hostel rooms, tenants, and billing, with a user-friendly website interface for staff and tenants.