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PROFESSIONAL EXPERIENCE

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| Software Engineer | TSYS India - Global Payments | May 2024 – Present |
| <ul style="list-style-type: none">• Worked on implementing MoneySend functionality on MasterCard, improving fund transfer efficiency.• Developed and deployed Manage Usage for UPI transactions on RuPay cards, leveraging Pro*C and database systems to expand digital payment functionality.• Contributed to system design discussions related to project development, focusing on scalability, reliability, and secure architecture for payment solutions.• Collaborated with cross-functional teams in agile development processes to deliver high-quality software solutions, ensuring timely and robust project delivery. | | |
| Software Engineer | Jango Technologies | Sept 2022 – Apr 2024 |
| <ul style="list-style-type: none">• Contributing to the Starling Core project with Swift Navigation, a GNSS-based positioning ecosystem for autonomous applications.• Collaborating with a team to develop an Advanced Driver Assistance System (ADAS) for hitchball detection and automatic connection.• Independently Developed a Dynamic Profiling application in Qt using C++ and Valgrind.• Collaborated with cross-functional teams to optimize software development, introducing best practices like code reviews and standards. | | |

EDUCATION

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| Galgotias University | Greater Noida, India | Aug 2018 – May 2022 |
| <ul style="list-style-type: none">• BTech in Computer Science, CGPA: 7.27 | | |

SKILLS

Languages: C++, C, Pro*C, SQL, PL/SQL
Version Control: Git, TortoiseSVN, GitHub
Operating Systems: Linux
Development Tools and Frameworks: Qt, QML, CMake, Visual Studio Code, Jenkins, Docker
Testing Frameworks: Gtest (Google Test), Custom TCP/UDP-based Testing with XML
Additional Tools and Technologies: Valgrind, Clang, GDB, Conan Package, Shell Scripting, Embedded Systems
Competencies: Communication, Computer Skills, Adaptability, Critical Thinking, Teamwork, Agile Methodology

PROJECTS

- **RuPay UPI Transaction Management:** Developed multiple interfaces and authorization control profile for managing UPI transactions on RuPay cards. The solution segregates UPI transactions from other authorizations, enhancing transaction handling efficiency and security.
- **Dynamic Profiling Application:** Solely designed and developed a Dynamic Profiling application in Qt using C++. Employed Qt Signal Handling for dynamic profiling control from external sources.
- **Starling Core:** Project for Swift Navigation involving edge device processing of GNSS and sensor data with Skylark corrections, providing precise location to applications.
- **Trailer Hitch Assist:** Developing an ADAS system that identifies the hitchball and enables automatic vehicle connection, showcasing expertise in computer vision and automotive technology.

CERTIFICATIONS

- NPTEL Deep Learning, AWS Cloud Foundations, NVIDIA DLI, CCNA, PCAP, DevNet Associate