CHANDERKANT

As a C++ developer with 1.2+ year of experience, I ampassionate about designing and developing high-quality software applications. I have a solid understanding of Data Structures and C++ programming concepts. Inaddition, I have knowledge of Java and have worked on several projects using thisprogramming language. If you are looking for a motivated and skilled developer who is eager to take on new challenges, please feel free to reach out to me. I look forward to discussing how my skills and experience can benefit your organization.

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Languages

English:
Professional working proficiency

Hindi:
Full Professional proficiency

Skills

- **C++, Java.**
- **MFC.**
- **MYSQL.**
- **SQlite**
- **Xcode**
- **PKCS#11**
- **HSM.**
- **Cryptoserver.**
- **STL.**
- **OpenSSL.**
- **Visual-studio**
- **Deleaker.**
- **Debugging.**
- **Cpp Check.**
- **Visual C++**
- **DLLs**
- **Multithreading**

Work Experience

Software Developer

eMudhra | June 2022 - Present

As a developer, I had the opportunity to play a crucial role in developing software solutions for secure communication. In my role, I was responsible for designing, developing, and maintaining C++ code.

CSR generator tool: Designed and Developed a custom CSR generator desktop based GUI application **32-bit and 64- bit for** "eMudhra", using **VC++, MFC, STL and openSSL** libraries or implementing PKI security protocols and X.509 certificate format to ensure maximum security.

Digital certificate download tool: Designed and Developed a custom digital certificate download desktop based GUI application using **MFC** for "eMudhra", using tools **VC++, STL, PKCS#11 and crypto server technology (Utimaco-HSM, Ncipher-HSM, Safenet- Luna-HSM)** which improved the security of the digital certificate download process by ensuringthat only authorized users were able to download certificates**.**

Roles:
- Designing and developing various desktop based application both 32-bit and 64-bit.
- Debugging and troubleshooting software system solutions to resolve any issues or Bugs that may arise.
- Improving the performance of existing code by optimizing memory usage and reducing the number of cryptographic operations

Features Integrated:
Cryptographic operations(RSA, AES, and SHA.), Digital certificate management, Key management(public and private keys),Certificate–based authentication(using X509 Certificate), DLL (32–bit 64–bit).

Internship (Intern- As a Software Trainee)

HILT Web Solution Pvt Ltd. | Jan 2019 - June 2019

Projects**:**
- Library Management System - A library management system is a web based application developed in Python and the framework used is Django and MySql which is used to maintain the books records and students records**.**

Roles**:**
- Write code to implement the various features of the system, including the user interface, database, and business logic.
- Testing: Test the system thoroughly to ensure that it meets the requirements and functions as expected. This may include unit testing, integration testing system testing.

Education

Atal Bihari Vajpayee Government Institute of Engineering and Technology Pragatinagar, Shimla
Bachelor of Technology – B.Tech | Computer Science Engineering

August 2016 - June 2019
8.0 CGPA
CDAC, Mohali (Android) 6 weeks
Industrial Training