

Poorva Chandrakant Mahajan
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Experience:

Network Marvels, Thane — Junior Software Developer

October 2022 – PRESENT

As a Software Engineer, I worked in the security domain and contributed to the development of the Pre-Boot Authentication system, focusing on secure and scalable solutions. My work spanned front-end and back-end components, integrating encryption and decryption mechanisms, building .NET services, and developing MVVM applications with .NET.

- **Built MVVM-Based Applications:** Used C# and Avalonia for cross-platform UI development, achieving a 55% improvement in development efficiency and user experience.
- **Developed and Maintained the Pre-Boot Authentication Application:** Leveraged C, JavaScript, HTML, CSS, and SQLite to ensure secure and reliable authentication processes.
- **Implemented Encryption and Decryption Algorithms:** Enhanced the secure handling of sensitive data, reducing vulnerabilities by 30% and achieving compliance with best practices.
- **Designed and Developed .NET Services:** Managed key components of the authentication system on the Windows platform, improving performance and maintainability by 40%.
- **Developed and Integrated REST APIs:** Enabled seamless communication between system modules, improving flexibility and scalability.
- **Packaged and Deployed Software:** Utilized InstallShield to ensure smooth installation and configuration processes.
- **Version Control and Collaboration:** Used GitLab for version control and continuous integration, ensuring high-quality code delivery and team collaboration.
- **Automated System Tasks:** Applied Linux commands and shell scripting to automate deployments, manage configurations, and streamline operations in a Linux-based environment.

Skills:

- Programming Languages: C#, C
- Frameworks & Tools: .NET, InstallShield, GitLab, Avalonia, Visual Studio, VS Code
- Web Technologies: HTML, CSS, JavaScript
- Databases: SQLite
- Operating Systems: Linux, Windows

Education:

Vivekanand Education Society of Information Technology, Chembur

Masters in Computer Application (MCA) | August 2019 - June 2022 | CGPI: 9.32

Achievements:

Ranked First in T.Y.Bsc. IT Semester 5 and Third in T.Y.Bsc.IT Semester 3 throughout the college.

Extracurricular Activities:

- French(till B1 Level)
- Vedic Mathematics (10 Levels)
- Gymnastics

Languages: English, French, Marathi, Hindi