

Voman Kumar

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Github: <https://github.com/kumarvoman>

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Hackerrank: <https://www.hackerrank.com/profile/kumarvoman>

Portfolio: <https://cppcoder.in>

WORK EXPERIENCE

02/2022 – Present | SENIOR SOFTWARE DEVELOPER R&D - IVANTI INDIA PVT LTD

Product – Ivanti Secure Access Client (For VPN & ZTNA connections)

- Developed and executed real-time DNS response parsing for TCP and UDP protocols, enabling FQDN-based lockdown for VPN, decreased data breach attempts by 25% and improved network integrity.
 - Provided Split DNS support on the ZTA client as a sole contributor, with a distribution of effort: 20% Kernel enhancements and 80% User-level functionality.
 - Took the initiation of K3s cluster setup for both ZTA and Classic connections, while ensuring a smooth transition to new setup and fostering knowledge transfer.
 - Acknowledged with over 35 expressions of appreciation from both team members and superiors, recognizing outstanding performance and contributions to the team.
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07/2018 – 02/2022 | SENIOR SOFTWARE DEVELOPER - BOEING INDIA PVT LTD

Portfolios – FES | ESRC (Portfolio consists of 32 Applications for Electrical Systems of Aircrafts)

- Led and managed a team of 6 individuals, providing mentorship and alignment with organizational goals.
 - Pioneered the conceptualization, initiation, and leadership of 3 distinct projects, each employing different technology stacks - C++ with JNI, Asp.Net MVC, and Kotlin.
 - Undertook the project as sole contributor for rewriting and enhancement of FES tool, achieving a remarkable 70% improvement in efficiency.
 - Honoured with Boeing Awards on 7 Occasions, acknowledging exemplary presentation of Boeing Behaviours.
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01/2015 – 07/2018 | SOFTWARE DEVELOPER - NETSURION TECHNOLOGIES PVT LTD

Product - Event Tracker (SIEM Solution)

- Took charge as a Module owner, leading the successful execution of 5 distinct modules.
 - Improved the performance by 30% increase in efficiency to accommodate higher volume of clients.
 - Achieved an outstanding 80% improvement in file hash checker performance through seamless integration with virus total.
 - Integrated product with Elastic search and Connect Wise, elevating logging experience by 40%.
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EDUCATION

BE (CSE) | 7.2/10 CGPA | CSVTU - <https://csvtu.ac.in/> | 2009-2013

TECHNICAL SKILLS

- Language: C++ 14/17 | C# | VB6.0
- Scripting: Python | Power shell | Bash scripting
- Front-end: HTML | CSS | JavaScript | C++ - React Integration (Beginner)
- Operating System: Windows | Linux (Beginner)
- API: Win32 | Rest | Boost
- Networking: TCP/IP | UDP | IPC | DNS | SMB | Saml | totp | SSH | mtls | Client Server Arch | Peer to Peer | network optimization & Network performance analysis
- Database: MSSQL | Oracle DB | MySQL | Elastic Search
- Testing Framework: Google Test | Boost
- Source Control: GIT | SVN | TFS
- Tools: MS Office | Atlassian suite | Visual Studio | Process Monitor | Wire shark | Docker | K3s Cluster | VS Code | Co-Pilot | Debug View | Process Explorer | Trace view | Unreal Game Engine (Learning)
- Personal Projects: Load Balancer | Rest based Client-Server App