

Hitesh Subash Ahirrao

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EDUCATION

Atal Bihari Vajpayee Indian Institute of Information Technology and Management, Gwalior
Master of Technology – MTech · Information and Cyber Security (Dept of CSE) · 2024 – 2026 · CGPA 7.21/10

Guru Gobind Singh College of Engineering, Nashik
Bachelor of Engineering – BE · Mechanical Engineering (Hons. Minor in AI and ML) · 2020 – 2023 · CGPA 8.27/10

R. C. Patel Polytechnic, Shirpur
Diploma · Mechanical Engineering · 2017 – 2020 · 81.95%

R. R. Vidyalaya, Jalgaon
SSC (Secondary Level, Class 10th) · 2017 · 84.4%

TECHNICAL SKILLS

- **Languages** - C++, HTML, CSS, JS, Python, SQL
 - **Software** - VS Code
 - **Skills** - Problem Solving, Data Structures and Algorithms
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PROJECTS

- **Matching Theory-Based Computational Offloading in Mobile Edge Computing Environments**
 - Developed a computational offloading framework for mobile edge computing using matching theory principles.
 - Optimized resource allocation and task assignment to minimize latency and improve system efficiency.
 - Applied stable matching algorithms to ensure balanced load distribution across edge servers.
 - Enhanced overall performance and scalability of mobile edge environments through efficient offloading strategies.
 - **Malware Scanner**
 - Designed and implemented a Qt-based signature malware scanner with an intuitive graphical user interface (GUI).
 - Integrated real-time progress indication to provide users with scan status and feedback during operation.
 - Developed comprehensive scan logging functionality to record detection results and scan history for review.
 - Utilized C++ and Qt platform to achieve accurate and efficient threat detection.
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CERTIFICATIONS

- Programming Essentials in Python by Python Institute
 - Introduction to C Programming by TCS iON
 - Introduction to Artificial Intelligence by TCS iON
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ACHIEVEMENTS

- Hindustan Formula Championship Season-3 by Hindustan Motor Sports
Was the vice-captain of the college team and built a go-kart from scratch. Was adjudged the best team out of 28 participating institutes.