

Mohanraj S

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EDUCATION

VEL TECH HIGH TECH AVADI.

BE IN COMPUTER SCIENCE

Expected 06/2025 | CGPA : 9.25/10.0

GHSS THANDURAI.

XII | COMPUTER SCIENCE

Grad. 05/2021 | Cum Per : 92.0

INFANT JESUS MATRIC HSS. SSC

Grad. 05/2018 | Cum Per : 90.0

LINKS

Github:// [mohanraj-s](#)

LinkedIn:// [mohanraj-s](#)

SKILLS

PROGRAMMING

Intermediate:

- Java • JSP • Servlets
- Javascript • HTML • CSS
- Spring • Spring Boot
- Hibernate • MySQL • APIs
- Cybersecurity

COURSEWORK

UNDER GRADUATE

Advanced Diploma in Java Programming

Web Development Fundamentals [\[Link\]](#)

Full Stack Java Development [\[Link\]](#)

NPTEL Programming in Java [\[Link\]](#)

NPTEL The Joy of Computing using

Python [\[Link\]](#)

NPTEL Database Management System

[\[Link\]](#)

CyberSecurity Fundamentals [\[Link\]](#)

INTERESTS

TECHNICAL

Ethical Hacking

Artificial Intelligence

Chatgpt

NON-TECHNICAL

Cricket

Chess

EXPERIENCE

SKILLVERTEX | FELLOW + CYBERSECURITY INTERN

06/2023 - 08/2023 | India

APPLICATION SECURITY | PENETRATION TESTING

- Conducted a rigorous penetration testing assessment on Acunetix, uncovering critical vulnerabilities and resulting in a significant 30% reduction in potential security risks. .
- Identified and documented 10 critical vulnerabilities within Acunetix through penetration testing, facilitating strategic mitigation measures.
- Compiled a comprehensive report outlining findings and providing 20 actionable recommendations, enhancing the security posture of Acunetix.

MOTIONCUT | WEB DEVELOPMENT INTERN

10/2023 - 11/2023 | India

- Executed comprehensive analytical processes to thoroughly test and debug web applications, enhancing performance and reliability. Achieved a 40% reduction in load times through strategic cache optimization.
- Utilized version control systems like Git to manage codebase and streamline collaboration among team members, resulting in a 40% decrease in code conflicts and errors.
- Successfully completed 10 web development projects during the internship, delivering 100% of projects on time.

MINI PROJECTS

VEL TECH HIGH TECH

01/2023 - 08/2023

ADVANCED VEHICLE OVER SPEED DETECTION AND LICENSE PLATE

RECOGNITION BILLING SYSTEM USING DEEP LEARNING.

- Orchestrated aggregation of diverse datasets from 10+ sources, improving model accuracy by 25% through performing rigorous data validation and normalization procedures..
- Achieved 98% accuracy in vehicle over-speed detection and 95% accuracy in license plate recognition.
- Reduced manual intervention in billing process by 80%.

ATM INTERFACE | CODEWAY

01/2024 - 02/2024

- Utilized object-oriented programming principles to design and implement modular and scalable code architecture.
- Reduced development time and complexity by leveraging Java, JSP, and Servlets, resulting in a 30% faster time-to-market for the ATM interface.
- Implemented stringent security measures for data protection.

NUMBER GAME | CODEWAY

01/2024 - 02/2024

- Crafted game logic and user interface components with JSP to generate responsive content.
- Minimized development duration by harnessing the capabilities of Java, JSP, and Servlets, leading to a 20% acceleration in the application's time-to-market.
- Improved user retention with engaging gameplay mechanics, leading to a 25% decrease in bounce rate.