Jerry James

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SUMMARY

Results-oriented MCA graduate with a strong foundation in software development, Linux systems, and databases. Experienced in creating secure and scalable applications, with a passion for solving complex problems. Adept at collaborating in agile environments and committed to continuous learning and delivering impactful results.

EDUCATION

St. Joseph's College of Engineering and Technology   **Palai, Kottayam, Kerala**
Master of Computer Applications   *Expected Graduation, May 2025*

- o **GPA:** 7.28
- o **Related Coursework:** Data Structures & Algorithms, Programming, Machine Learning, Shell Scripting, Agile.

Bishop Vayalil Memorial Holy Cross College   **Cherpunkal, Kerala**
Bachelor of Computer Applications   *Graduated, May 2023*

- o **GPA:** 6.96
- o **Related Coursework:** Data Structures & Algorithms, Programming, Web Development.

EXPERIENCE

IBM   **Remote**
Cybersecurity Intern   *Jan 2025 – Feb 2025*

- Learned and applied steganography and encryption techniques for data security.
- Explored real-world applications of secure data transmission methods.

PROJECTS

EduVision – Handwritten Notes Sharing and Quiz Generation Platform   **College, Kerala**
Developer   *Jan 2025 – April 2025*

- Developing a web platform that converts handwritten lecture notes into editable text using Azure Vision and NLP, generates chapter-wise quizzes, and allows students to share notes within a community.
- Technologies: Python, Azure OCR, MERN stack, Tailwind CSS.

Criminal Recognition System   **College, Kerala**
Developer   *Aug 2024 – Nov 2024*

- Built a real-time face recognition system integrated with a web interface to identify individuals in a criminal database.
- Technologies: Python, OpenCV, MERN stack, Tailwind CSS.
- Designed and optimized modules for live video analysis and suspect management.

Restaurant Management System   **College, Kerala**
Developer   *July 2022 – Oct 2022*

- Created a secure, database-driven system for inventory and employee management.
- Technologies: HTML, CSS, JavaScript, PHP, MySQL.
- Achieved a significant reduction in inventory waste by implementing efficient data analytics.

CERTIFICATIONS

Software Engineering Job Simulation	**Forage**	*Jan 2025*
Certified Penetration Tester	**RedTeamAcademy**	*Dec 2024*
Introduction to Deep Learning	**Great Learning**	*May 2023*
Face Detection with OpenCV in Python	**Great Learning**	*Oct 2023*
Responsive Web Design	**FreeCodeCamp**	*Aug 2022*

COURSEWORK

Certified Penetration Tester   **RedTeamAcademy**
Analytical Thinking   *July 2024 – Oct 2024*

- Performed vulnerability assessments and penetration tests on various systems.
- Utilized tools like Kali Linux to identify and resolve security loopholes.

SKILLS

Programming: Python, Node.js, React.js, JavaScript, HTML/CSS, MySQL, PHP, Java, C++.
Tools: Visual Studio Code, Git, Agile-scrum, Penetration Testing / Vulnerability Assessment.