Punithgowda T

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EDUCATION

Reva University   Feb 2023 - Oct 2025
Masters of Computer Applications   *Current GPA: 8.43/10.0*

   Related Coursework: Programming and Data Structure, DBMS, Operating system, Data Visualization, Secure App Development, Generative AI, Algorithm Design, and Data Science.

Seshadripuram First Grade college Yelahanka-64   Mar 2020 - Aug 2023
Bachelors of Computer Applications   *GPA: 8.65/10.0*

   Related Coursework: Problem-Solving in C, Algorithm Analysis, Object-Oriented Programming, Web Technology, Machine Learning.

SKILLS

Programming Languages: Java, Python, C, JavaScript, HTML, CSS
Frameworks and Libraries: Spring Boot, Hibernate, Angular, Pandas, NumPy
Databases: MySQL, SQL
Tools and Technologies: Git/GitHub, VS Code, PyCharm
Cybersecurity Tools & Concepts: Network Security, Threat Analysis, Risk Management, Encryption, Cisco Packet Tracer

PROJECTS

Movie Ticket Booking Web App | Angular, Spring Boot, MySQL, REST API, HTML, CSS, TypeScript.   Aug 2025 - Oct 2025

- Developed a full-stack web application for seamless movie ticket booking with real-time seat availability and secure payments.
- Built role-based modules for Admins and Users to manage movies, schedules, and bookings efficiently.
- Integrated Angular frontend with Spring Boot REST APIs and MySQL for dynamic data handling and scalability.
- Improved user experience and system reliability through responsive UI, optimized queries, and robust error handling.
- Enhanced system performance and scalability through modular design, optimized queries, and robust error handling mechanisms.

Lung Cancer Prediction System | Python, CNN, Flask, OpenCV, HTML, CSS.   Jan 2025 -Mar 2025

- Developed an AI-based web application to detect and classify lung cancer from CT scan images using Convolutional Neural Networks (CNNs), achieving 99% accuracy.
- Collected and preprocessed lung CT image datasets using segmentation, normalization, grayscale conversion, and augmentation techniques to enhance model performance.
- Designed and trained a deep CNN model with layered architecture for binary classification of malignant vs benign tumors.
- Integrated the trained model into a web interface using Flask, allowing real-time image uploads and prediction display.
- Implemented EDA, performance evaluation (precision, recall, F1-score), and confusion matrix for model validation.
- Deployed an end-to-end diagnostic tool capable of assisting radiologists in early cancer detection, improving diagnostic efficiency.

Academic Achievement

- **Published Research Paper** on "Deep Learning-Based Prediction of Lung Diseases from Chest X-Ray Images" in REVA University Conference.
- Managed a team of **20+ volunteers**, streamlining logistics and reducing event setup time by **25%.**
- Promoted community engagement and cultural exchange through diverse activities and performances.

CERTIFICATES

Certification Program in Java Full Stack | *EduBridge Learning Pvt. Ltd*.   Sep 2025

IT Specialist – Cybersecurity | *Certiport*   May 2025

Cisco Certified Support Technician Cybersecurity (CCST Cybersecurity) | Cisco   May 2024