

AMRUTHA V M

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SKILLS

- Languages: C (with DSA), Java, Python, HTML, CSS, JavaScript.
- Frameworks: ReactJS, Node.js Bootstrap.
- Database: phpMyAdmin, MongoDB.
- Version control: Git, GitHub, Firebase.

EDUCATION

- **B.E. in Computer Science**
Jawaharlal Nehru National College of Engineering, Shivamogga. *Dec 2020 - Jun 2024* *8.6 CGPA*
- **Pre-University**
SVET INDP College, Shivamogga. *Jul-2018- Mar2020* *86%*
- **Secondary School**
Sri Sri Ravishankar Vidya Mandir, Shivamogga. *Jun 2016-Mar 2018* *77%*

INTERNSHIP

Web Development using ReactJS, Ekathwa Innovations Pvt. Ltd. ([Project link](#)) *Aug 2023 - Sept 2023*

- Built a responsive online car rental portal using ReactJS for frontend development ,NodeJS for runtime environment and MongoDB for backend storage.
- Integrated budget-based car rental features, optimizing vehicle allocation and enhancing customer satisfaction.
- Focused on user experience (UX) optimization through efficient frontend design and seamless backend functionality.

PROJECTS

Online Grocery Management *Oct 2022 – Feb 2023*

- Implemented an user-friendly online grocery shopping platform using Java Swings and Java for application logic and SQL database for managing inventory, orders, and customer information.
- Enhanced operational efficiency by optimizing database queries, reducing inventory management time by 30%.
- Collaborated with a team of 4 members to ensure timely delivery and adherence to project objectives.

Melanoma Detection using Deep Learning ([Project link](#)) *Oct 2023 – Apr 2024*

- Engineered a deep learning-based melanoma detection system using YOLO V8, achieving a 95.4% accuracy, with model evaluation metrics.
- Curated and preprocessed a dataset, implementing data augmentation to enhance model robustness.
- Constructed and deployed an interactive user interface using Python, enabling users to seamlessly upload and analyze lesion images.
- Integrated email notifications via SMTP, enabling patients to securely receive diagnostic reports.

Trailer Streaming Application ([Project link](#)) *April 2023 – Jul 2023*

- Designed and developed an feature-rich mobile entertainment application using Java and Android Studio, enabling seamless access to movie trailers.
- Implemented an interactive and visually appealing user interface (UI) to enhance user engagement and retention.
- Optimized user experience (UX) by incorporating intuitive navigation and real-time trailer reviews, increasing platform usability.Focused on performance optimization and maintaining code modularity for scalability.

CERTIFICATIONS AND AWARDS

- MongoDB Database Administrative Tool, MongoDB *Sept 2023*
- Microsoft Azure AI fundamentals, Microsoft *Jan 2024*
- Participated and won 2nd prize in Women's Badminton held by VTU. *Nov 2022*

SOFT SKILLS

Communication | Adaptability | Team Management | Leadership | Quick learner.