

Varsha P Seervi

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EDUCATION

Presidency University, Itgalpura, Rajankunte
Bachelor of Computer Engineering (CGPA - 8.83/10)

Bengaluru, India
Dec 2022 - May 2026

EXPERIENCE

UI/UX Design Intern | Scanpick | Jun 2024 - Aug 2024

- Designed intuitive and responsive user interfaces using Figma, ensuring consistency with brand guidelines.
- Created and optimized 3D models using Blender to enhance visual storytelling and product presentation.
- Collaborated with developers to translate design prototypes into functional interfaces, improving usability and user engagement.
- Conducted user feedback sessions and iterated designs to enhance accessibility and overall experience.

SKILLS

Languages: Java (Data Structures & Algorithms), Python, JavaScript, HTML, CSS, SQL

Frameworks & Libraries: ReactJS, Tailwind CSS, Bootstrap, Figma, Blender

Tools: Git, Firebase, Docker, Visual Studio Code

Subjects: Computer Programming, Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Machine Learning, Artificial Intelligence, Neural Networks, Database Management Systems

Soft Skills: Leadership, Communication, Team Collaboration, Adaptability, Growth Mindset, Problem Solving, Creativity

PROJECTS

Fruit Classifier | Artificial Intelligence

- Built a Convolutional Neural Network (CNN) using TensorFlow/Keras to classify 131 fruit and vegetable classes from the Fruits-360 dataset (~90,000 images, 100×100 pixels).
- Achieved ~97% training accuracy and ~95% validation accuracy by applying data preprocessing and augmentation techniques.
- Automated dataset download and preprocessing using KaggleHub for seamless model training.
- Designed and implemented an evaluation pipeline to test model performance on unseen data.

Expense Tracker | Web Development

- Developed a responsive expense tracking web application using HTML, CSS, and JavaScript to help users record and monitor daily expenses.
- Implemented dynamic transaction management with add, delete, and balance calculation features.
- Integrated category-wise expense tracking and automatic balance updates for better financial insights.
- Utilized local storage to persist user data without requiring a backend server.

Random Password Generator | Python Development

- Developed a command-line password generator in Python to create strong and secure passwords with a mix of uppercase letters, lowercase letters, digits, and special characters.
- Implemented logic to guarantee inclusion of all character types for enhanced security while allowing customizable password lengths.
- Utilized Python's `random` and `string` modules to ensure unpredictability and randomness in password generation.

PROJECTS

- Designed a beginner-friendly CLI interface prompting users for input and providing instant, secure password output.
- Applied character shuffling to eliminate predictable patterns, strengthening overall password security.
- Ensured error handling for invalid inputs and set minimum password length requirements to maintain robustness.

CERTIFICATION

DSA using Java - CodeChef (Dec 2023)

Java Problem Solving - CodeChef (May 2023)

Getting Started with Machine Learning Algorithms - SimpliLearn (Nov 2023)

Web Design for Beginners: Build Websites in HTML & CSS - Udemy (Dec 2024)

JavaScript for Beginners - SimpliLearn (Apr 2025)

DSA Skill Assessment - Scaler (Apr 2025)