

# Priya Dharshini Ashok

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## EDUCATION

### B.Tech Computer Science Engineering (Cybersecurity)

Amrita Vishwa Vidyapeetham (Deemed University)

- CGPA: 7.6/10.0

Chennai, India

October 2021 – May 2025

### Higher Secondary Education

Indian School Al Seeb

- Percentage: 81 %

Muscat, Oman

July 2020 – March 2021

## TECHNICAL SKILLS

**Programming Languages :** Java, Python, C, JavaScript

**Web Technologies :** HTML5, CSS3, React, Nodejs, Express

**Databases :** MySQL, MongoDB

**Developer Tools :** Git, VS Code, Eclipse, Google Colab, Jira

**Methodologies :** Agile Development, Scrum Framework

**Core Skills :** Object Oriented Programming, Data Structures and Algorithms, DBMS, Operating Systems.

## PROJECTS

**Fitrack** | React, Node.js, MongoDB, Express, Git

Nov 2024 - Dec 2024

- Developed a full-stack application to track daily activities, dietary habits, and fitness goals.
- Implemented an UI using React, enhancing user experience with real-time progress tracking and notifications.
- Integrated a secure backend with Node.js and MongoDB for storing user data.

**WebInspect - Browser Forensics CLI Tool** | Python, Sqlite

Aug 2024 - Sept 2024

- Designed and developed a command-line tool for browser forensics for extracting data from 4 browsers.
- Implemented multiple browsers support, enabling the collection of history, cookies, and cache files for analysis.
- Optimized the tool for high performance, reducing forensic investigation time by up to 30% in test cases.

**AutoBilling System** | Raspberry Pi, Python, YOLOv5, DynamoDB, Machine Learning

Apr 2024 - May 2024

- Developed an billing system, integrating Raspberry Pi with weight sensors and custom model achieving 95% accuracy.
- Trained using 75% of the dataset for training and 25% for validation, optimizing product detection and classification.
- Leveraged DynamoDB to store over 100 product classifications, ensuring scalable and reliable system performance.

## PROFESSIONAL EXPERIENCE

**AMC Free Open Source Software - FOSS Club (Coordinator)**

- Led a cohort of 10+ students in Web Development domain, effectively managing open-source projects concurrently
- Provided mentorship, implemented a project-based learning approach, and adopted Agile methodologies.
- Organized workshops and hackathons, leading to a 10% increase in student participation and contributions.

## CERTIFICATIONS

**Java Programming Certification**

GeekforGeeks

- Attained Java Programming certification by completing 10 modules.
- Developed practical skills in implementing Java programming enhancing coding efficiency.

**People and Soft Skills for Professional and Personal Success**

Coursera

- Completed a training with 6 modules: Work, Thinking, Presentation, Collaboration, Soft and Interpersonal Skills.
- Demonstrated proficiency in delivering high-quality work, problem-solving and skills critical for professional success.