

# SESHATHRI M

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Git Hub : [github.com/seshathri044](https://github.com/seshathri044) | [Portfolio](#)

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## EDUCATION

### B.E. Computer Science Engineering – Anna University

2022–2026

- Mangayarkarasi College of Engineering, Paravai | CGPA: 7.98/10
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## INTERNSHIP

- Mobile Application Development Intern – Flutter** | Kartick IT Solutions | Jun 2025 – Aug 2025
  - Built production mobile apps using Flutter, Dart, and Hive DB with Clean Architecture and Provider state management
  - Automated deployment with GitHub Actions CI/CD pipeline for automated builds and releases
  - Integrated REST APIs with JWT authentication for secure backend communication
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## SKILLS

- Languages: Java, Python,C
  - Backend: Spring Boot, Spring Security, Spring Data JPA, Hibernate, REST APIs
  - Frontend & Mobile: Flutter, HTML, CSS,JavaScript
  - Database: MySQL
  - Tools & DevOps: Git, GitHub, Docker, Postman, GitHub Actions (CI/CD)
  - Core CS: Data Structures & Algorithms, Object-Oriented Programming, Database Management
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## PROJECTS

### Expense Tracker | Backend | Frontend

- Built secure REST API with Spring Boot, implementing JWT-based stateless authentication with BCrypt password hashing and email OTP verification for enhanced security
- Designed normalized MySQL database schema using Spring Data JPA
- Developed cross-platform Flutter mobile app with Provider state management, expense tracking, income management, and financial analytics with interactive charts
- Implemented comprehensive statistics module with monthly/yearly spending trends

### Course Registration System | Backend | Frontend

- Developed full-stack course management system with REST APIs and MySQL persistence
- Implemented service-repository layer architecture and containerized with Docker
- Deployed on Render (backend), Railway (database), and Netlify (frontend)

### Age & Gender Detection (Python, OpenCV, NumPy, Caffe Models) - [GitHub](#)

- Built real-time computer vision system using OpenCV and pre-trained Caffe models for face detection and classification
  - 1st Prize – Project Expo 2025 among 50+ competing teams
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## ACHIEVEMENTS & CERTIFICATIONS

### Competitions:

- 1st Prize – Project Expo 2025 for Age & Gender Detection System
- Participated in iTech Hackfest 2025 – National Hackathon (Regional Round, Team of 5)

### Open Source:

- 500+ GitHub contributions in 2025 across open-source projects (Apache, Spring Projects, first-contributions, Hacktoberfest) and personal repositories

### Certifications:

- AWS Machine Learning Foundations – Udacity
- Software Engineering Job Simulation – JP Morgan Chase & Co. (Forage)
- Solutions Architecture Job Simulation – AWS (Forage)
- Core Java & Advanced Java – Tamilnadu Computer Software College

### Coding:

- GeeksforGeeks: 79 problems solved | Score: 121
- HackerRank: Silver Badge | 3 Star in Java