

# RAMELA M S

+91 8428791244 ◇ Chennai, India

[ramelams07@gmail.com](mailto:ramelams07@gmail.com) ◇ [linkedin.com/in/ramela-m-s](https://linkedin.com/in/ramela-m-s) ◇ [github.com/Ramela-M-S](https://github.com/Ramela-M-S)

## PROFESSIONAL DEVELOPMENT

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- **Amazon Future Engineer Bootcamp - 2025:** Selected for Phase 1 of the prestigious **Amazon Future Engineer (AFE) Bootcamp**, focused on building foundational skills in **Python programming, AI basics, and problem-solving techniques**.

## EDUCATION

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**Bachelor of Computer Science And Business System (CSBS)**, Panimalar Engineering College

- **Academic Excellence:** Maintained a CGPA of **9.09**.
- **Duration:** **2024-2028**

**Higher Secondary**, Velammal Vidyalaya

- **Grade:** Scored **9.4 CGPA** in CBSE Board (2024)

## SKILLS

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### Technical Skills

- **Programming Languages:** Python [[Leetcode](#), [GeeksforGeeks](#)], C
- **Web Technologies:** **Flask-RESTful**, **Flask**, **Bootstrap**, **HTML**, **CSS**
- **Databases:** **MySQL**, **Flask-SQLAlchemy**
- **Tools and Platforms:** **Github**, **VS Code**
- **Problem Solving:** **Data Structures and Algorithms**

## PERSONAL PROJECTS

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### Smart Expense Tracking Website

- Developed a responsive expense tracker using **Flask, Flask-RESTful API, and Flask-SQLAlchemy** for **backend, allowing users to add, edit, and view expenses** with monthly summaries.
- **Impact:** Simplified personal expense management with intuitive UI and real-time data handling. ([Live Demo](#))

### Inventory and Building Management System (IBMS)

- Built an inventory and building management system using **Flask and Flask-SQLAlchemy** for efficient record-keeping, resource allocation.
- **Impact:** Streamlined **inventory operations and billing management tasks** for improved organizational efficiency. ([Live Demo](#))

## CODING AND TECHNICAL ACHIEVEMENTS

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- **First Place - CodeChef Coding Competition:** Secured 1st place at Madha Engineering College on 11 April 2025 in a competitive coding contest organized under the CodeChef platform.
- **Best Coder Award - Cosmic Duel:** Recognized as Best Coder at Velammal Institute of Technology, Xemplar 2K25 on 4 April 2025 for outstanding performance in coding challenges.
- **Second Place - Decodex Coding Competition:** Achieved 2nd place at Meenakshi Sundararajan Engineering College, Pranav 2K25 on 16 April 2025 in a college-level coding competition as part of the technical fest.