

# Manonmani G

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[Github](#) | [Leetcode](#) | [GeeksforGeeks](#) | [Linkedin](#)

## OBJECTIVE

Motivated Software Engineer with a B.Tech in Information Technology, proficient in Java, Python, and SQL. Experienced in MERN stack and cloud computing (AWS, DevOps, Cloud Engineering - ongoing). Strong problem-solving skills with a demonstrated ability to develop interactive web applications and implement data-driven solutions. Quick learner, adaptable to new technologies, and passionate about collaborative development and user experience enhancement.

## TECHNICAL SKILLS

- Programming Languages: Java, Python
- Cloud Computing: AWS, DevOps (basic)
- Web Development: MERN Stack (MongoDB, Express.js, React.js, Node.js), HTML, CSS, JavaScript
- Database Management: SQL

## EDUCATION

**Karpagam Institute of Technology [2022 – Present]**  
B.Tech in Information Technology, with 8.11 CGPA

### NPTEL Certified Courses:

- Database Management System

## ADDITIONAL SKILLS

**Soft Skills:** Decision Making, Problem Solving, Quick Learning, Adaptability, Leadership

## PUBLICATIONS & PRESENTATIONS

Published a paper in IJRAR (IASICT event)

### Paper Presentation on

- AI Device for Tinnitus Noise
- Management AI Monitoring Camera for Plant Health Monitoring.

## INTERNSHIPS

### AI Nexus Company

- Completed workshop focused on Machine Learning.

### Intern at Architecture Infinity

- Completed internship focusing on web development and 3D modelling.

## PROJECTS

### Student Detail Management System

A full-fledged MERN stack application to manage student details with update, view, and delete functionalities.

### Book E-commerce Website

A React-based e-commerce platform for books, integrated with AWS services for backend operations.

### AI-Powered IDE

Developing an IDE with OpenAI integration for error identification and debugging, using Python for the backend and HTML, CSS, and JavaScript for the frontend.

### AWS Mini Projects

Hands-on experience with S3, EC2, DynamoDB, and API Gateway, including file updates, website deployment, hosting, and EC2 CLI usage.

### DevOps Experience

Built CI/CD pipelines using Jenkins, containerized applications with Docker, orchestrated with Kubernetes, managed infrastructure with Terraform, and tested Kubernetes clusters locally with Minikube, integrating everything with Git for automation.

## COURSES & CERTIFICATION

- AWS Cloud Practitioner
- AWS Cloud Computing
- Oracle E-Certificate
- Infosys Springboard: Java Programming