

# VALLIAPPAN VALLIAPPAN

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## EDUCATION

### ANNA UNIVERSITY

#### BE IN COMPUTER SCIENCE

may 2025 | Salem, IND

knowledge

Institute Of Technology

CGPA:8.0/10

### MAHARISHI VIDYA MANDDIR

SSLC May 2019 | percentage:67 |Tamil

Nadu, India

### MAHARISHI VIDYA MANDDIR

higher secondary May 2021 |

percentage:75 |Tamil Nadu, India

## LINKS

GitHub:// valliappan337 ↗

LinkedIn:// Valliappan V ↗

LeetCode:// valliappan\_v ↗

## SKILLS

### PROGRAMMING LANGUAGES

• Java • Python • C • C++

### BACKEND DEVELOPMENT

• Java EE • Spring • Hibernate • JPA •  
JDBC • JSP

### FRONTEND DEVELOPMENT

• HTML • CSS • JavaScript • React

### DATABASES

• MySQL • MongoDB

### TOOLS AND PLATFORMS

• Git • AWS • postman

## COURSEWORK

### UNDERGRADUATE

Object Oriented Programming

Data Structures

Data Base Management System

Web Technologies

Operating Systems

Data Science

Artificial Intelligence

## EXTRA CURRICULARS

• Chess – Runner-Up, ANNA  
UNIVERSITY Zonal Tournament  
(2023–2024)

Secured 2nd place at South Zone event

• Chess Champion – 1st Battlefield State  
Tournament at KIOT  
Secured 1st place (2023–2024)  
Represented [KIOT]

## EXPERIENCE

### BOSSCODER ACADEMY | SOFTWARE ENGINEER TRAINEE

Nov 2023 – Present | Remote

- Completed 200+ hours of hands-on training in Core, Advanced Java, Data Structures, Algorithms, System Design, and Computer Networks.
- Built 3+ real-world applications using Spring Boot, Hibernate, JPA, React, and MySQL, delivering scalable solutions with secure data handling and responsive UI.
- Developed backend systems with microservices, RESTful APIs, and SQL/NoSQL databases.

### ZIDIO DEVELOPMENT | JAVA FULL STACK INTERN

May 2025 - Jul 2025 | Remote

- Built backend APIs for job portal using Java, Spring Boot, Hibernate, and MySQL.
- Developed optimized frontend with React for responsive and user-friendly UI.
- Deployed apps on AWS cloud platform using CI/CD pipelines and DevOps practices.

### TAP ACADEMY | JAVA FULL STACK DEVELOPMENT TRAINEE

June 2024 – April 2025 | Remote

- Completed 300+ hrs hands-on training in Java Full Stack (Java, Spring Boot, HTML/CSS, JavaScript, MySQL).
- Solved 300+ coding problems, strengthening DSA and problem-solving skills.
- Collaborated in Agile/Scrum team delivery with Git/GitHub version control, code reviews,

### WINZONE SOFTECH | JAVA FULL STACK INTERN

Jun 2024 – Sep 2024 | Karaikudi, IND

- Developed real-time hotel food ordering platforms with Java, Spring Boot, and MySQL, improving system efficiency.
- Learned RESTful APIs and backend technologies while designing and implementing responsive UIs with React, JavaScript, HTML, and CSS.

## PROJECT

### AI-POWERED DRONE AND HARVESTER SYSTEM FOR AQUATIC ECOSYSTEM RESTORATION | BE PROJECT | LINK ↗

Dec 2024 – Apr 2025 | Machine Learning

- Developed AI-driven drones integrated with automated harvesting systems for ecosystem restoration.
- Implemented real-time object detection and tracking using YOLOv8.
- Enhanced data accuracy and efficiency by applying deep learning models for identifying aquatic waste and invasive species.

### BUS BOOKING APP | BE PROJECT | LINK ↗

Dec 2023 – April 2024 | Java Full Stack Development

- Designed and developed a full-stack bus booking application with Spring Boot backend and JavaScript frontend.
- Implemented user authentication and booking confirmation system for a seamless user experience.

### PET CLINIC MANAGEMENT SYSTEM | BE PROJECT | LINK ↗

Feb 2023 – April 2023 | Java Full Stack Development

- Developed Pet Clinic system using Java, Spring MVC, Hibernate, & J2EE.
- Implemented JDBC for secure database connectivity and clinic operations.

## CERTIFICATIONS

- **Core Java & SQL – EBox:** Java & MySQL.
- **Python & Cybersecurity – Skill Vertex:** Pentesting & vulnerability analysis (OWASP ZAP, Nmap, Acunetix).