VALLIAPPAN VALLIAPPAN

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EDUCATION

ANNA UNIVERSITY
BE in Computer Science
may 2025 | salem, IND
knoweledge
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 real-world projects using `Spring`, `Spring Boot`, `Hibernate`, JPA, `JavaScript`, and `React Hooks`.
• Developed backend systems with microservices, SQL/NoSQL databases, and REST APIs.

ZIDIO DEVELOPMENT | Java Full Stack Intern
May 2025 - Jul 2025 | Remote

• Built backend APIs for job portal using `Java`, `Spring Boot`, `Hibernate`, `JPA`, `MySQL`, & `MongoDB`.
• Developed and optimized frontend with `React`.
• Deployed applications on `AWS` with CI/CD pipelines.

TAP ACADEMY | Java Full Stack Development Trainee
June 2024 – April 2025 | Remote

• Full-stack development with `Java`, `Spring Boot`, `HTML/CSS`, `JavaScript`, & `MySQL`.
• Collaborated in code reviews & team-based software delivery.
• Experience with Agile practices, version control (`Git`), & deployment.

WINZONE SOFTECH | Java Full Stack Intern
Jun 2024 – Sep 2024 | Karaikudi, IND

• Built real-time hotel & food ordering platforms with `Java` & `Spring Boot`.
• Designed dynamic user interfaces using modern frontend technologies.
• Skilled in version control (`Git`), CI/CD & DevOps tools including `Jenkins`.

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.
• Integrated `MySQL` for efficient database management and secure data handling.
• 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.
• Added appointment scheduling and patient record management to streamline clinic workflows.

CERTIFICATIONS

• **Core Java & SQL – EBox:** Java & MySQL.

• **Python & Cybersecurity – Skill Vertex:** Pentesting & vulnerability analysis (`OWASP ZAP`, `Nmap`, `Acunetix`).