

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 • C++

BACKEND DEVELOPMENT

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

FRONTEND DEVELOPMENT

• HTML • CSS • JavaScript • React

DATABASES

• MySQL

TOOLS AND PLATFORMS

• GitHub • AWS • postman • Eclipse
IDE • Agile Methodologies

COURSEWORK

UNDERGRADUATE

• Object Oriented Programming
• Data Structures
• Data Base Management System
• Web Technologies

CERTIFICATIONS

• **Core Java & SQL – EBox:**
Covered Java fundamentals, JDBC,
and MySQL database integration.

• **Python & Cybersecurity –**
SkillVertex: Focused on **Pentesting**
and **Vulnerability Analysis** using tools
like **OWASP ZAP**, **Nmap**, and **Acunetix**.

EXPERIENCE

BOSSCODER ACADEMY | SOFTWARE DEVELOPMENT ENGINEER TRAINEE

Nov 2023 – Present | Remote

- Developed **backend systems** with **microservices**, **RESTful APIs**, and **SQL/NoSQL databases**, ensuring secure and efficient data handling.
- Engineered **3+ real-world applications** using **Spring**, **Spring Boot**, **Hibernate**, **JPA**, **React**, and **MySQL**, delivering scalable and high-performance solutions.
- Collaborated in an **Agile/Scrum team environment**, utilizing **Git/GitHub** for version control, code reviews, and CI/CD workflows.
- Practiced extensively on **Data Structures**, **Algorithms**, and **System Design (LLD)**, strengthening problem-solving and design skills.

WINZONE SOFTECH | JAVA FULL STACK DEVELOPMENT INTERN

July 2024 – December 2024 | Remote

- Developed and optimized **real-world applications** using **J2EE**, **JDBC**, **JSP**, **Spring**, **Spring Boot**, **Hibernate**, **JPA**, and **MySQL**, improving performance efficiency by **25%**.
- Spearheaded **CRUD operations** and integrated **Hibernate/JPA** for optimized and seamless database interaction.
- Collaborated in **Agile Scrum teams** for timely project delivery, participating in daily stand-ups, sprint planning, and retrospectives.

TAP ACADEMY | JAVA FULL STACK DEVELOPMENT TRAINEE

June 2024 – April 2025 | Remote

- Completed **300+ hours** of **Java Full Stack training** covering **Core Java**, **J2EE**, **JDBC**, **JSP**, **HTML/CSS**, **JavaScript**, **React**, and **MySQL**.
- Completed over **300 coding challenges** to enhance **problem-solving**, **data structures**, and **algorithmic skills**.
- Built and deployed **real-world applications** using **J2EE**, **JDBC**, **JSP**, **HTML/CSS**, **JavaScript**, and **React** with strong team collaboration.

PROJECTS

AI-POWERED DRONE AND HARVESTER SYSTEM | BE PROJECT | GITHUB

Dec 2024 – May 2025

- Developed **real-time object detection** using **YOLOv8**, deployed on edge and cloud for scalable monitoring.
- Designed **AI-powered drones** with automated harvesting systems for ecosystem restoration.
- Applied **deep learning techniques** to identify aquatic waste and invasive species with high accuracy.

BUS BOOKING APP | BE PROJECT | GITHUB

Dec 2023 – Apr 2024

- Created a **full-stack bus booking app** using **Spring Boot backend** and **JavaScript frontend**.
- Integrated **MySQL** for records and implemented a secure **payment gateway**.
- Leveraged **Git/GitHub** for version control and CI/CD workflows.

Built **RESTful APIs** enabling real-time booking updates.