

# VIGNESH A

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Namakkal, Tamil Nadu, India

## EDUCATION

### K S Rangasamy college of Technology

B.Tech of Computer Science and Business Systems; CGPA: 7.2

### Sri Vinayaga Matric Higher Secondary School

HSC: 82%

Tamil Nadu, India

November 2021 - 2025

Tamil Nadu, India

2020 - 2021

## SKILLS SUMMARY

- **Languages:** Core Java, Oracle SQL
- **Frameworks:** React js, Node js, Tailwind CSS, Servlet, Spring boot
- **Tools:** Git, GitHub, Postman
- **Platforms:** Visual Studio Code, IntelliJ IDEA
- **Soft Skills:** Team Collaboration ,Excellent communication

## EXPERIENCE

### SOFTWARE ENGINEER INTERN | DEEPZEST TECHNOLOGIES

September 23 - October 23

- Developed a data analysis React application that increased user efficiency by enabling insights from complex datasets, improving by 20%.
- Leveraged Reacts interactive UI components and visualization libraries to create intuitive data exploration tools, 30%increase in user engagement.
- Optimized API interactions using Axios and Redux, reducing data fetch time by 40% and enhancing application responsiveness.

### WEB DEVELOPER INTERN | STATIX.PRO

October 23 - December 23

- Built a robust full-stack web application using the MERN stack, enhancing data handling efficiency and reducing page load time by 25%.
- Optimized platform performance to handle high user traffic, supporting up concurrent users with minimal latency.
- Implemented responsive UI components using Tailwind CSS and React, improving user experience across multiple devices.

## PROJECTS

### ONLINE COURSE SYSTEM | [LINK](#)

January 2025

*Technologies: Servlet, JSP, Hikaricp, SQL, Tailwind CSS*

- Created a dynamic Online Course Management System using Servlet, JSP, and Tailwind CSS. The system allows users to browse courses, enroll.
- Implemented Servlets for efficient request handling and business logic, JSP for dynamic content rendering, responsive UI and Hikaricp for database connection pooling.

### EMAIL AUTOMATION SYSTEM | [LINK](#)

November 2024

*Technologies: React js, Node.js, Express.js, MongoDB, Tailwind CSS*

- Constructed an email automation platform using NodeMailer for streamlined communication.
- Implemented scheduled mailing features, reducing manual effort by automating repetitive tasks.
- Ensured reliable email delivery based on user-defined schedules, enhancing system dependability.

### HALL BOOKING SYSTEM | [LINK](#)

July 2023

*Technologies: React js, Node.js, Express.js, MongoDB, Tailwind CSS*

- Built a dynamic venue reservation platform with a user-friendly interface.
- Utilized MongoDB for efficient data management and backend logic with Node.js and Express.js.
- Delivered responsive user experiences using React.js, enabling seamless browsing and booking.

## AREA OF EXPERTISE

- Object Oriented Programming
- Data Structures and Algorithms

## CERTIFICATES

Programming in Java (NPTEL) | ELITE | [CERTIFICATE](#)

Programming in Data Structures and Algorithms (NPTEL) | ELITE | [CERTIFICATE](#)

Cloud Computing (NPTEL) | ELITE | [CERTIFICATE](#)