

# DINESH K.K.V

## Msc Decision and Computing Sciences (Integrated)

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### EDUCATION

#### M.Sc. Decision & Computing Sciences (Integrated)

Coimbatore Institute of Technology

CGPA: 8.30/10 (Upto 7th SEM)

2021 – 2026

Coimbatore, India

#### Bharani Park Matriculation Hr. Sec. School (HSC)

Percentage: 93.57%

2019 – 2021

Karur, India

### SKILLS

#### Technical Skills

**Programming Languages:** Python, C | **Databases:** MySQL, Oracle, MongoDB | **Web Development:** HTML, CSS, JavaScript

#### Areas of Interest

Web Development | App Development | Database Management System

#### Tools

Jupyter Notebook | Power BI | Excel | Visual Studio Code

#### Technical Stack

MERN Stack | MEAN Stack

### PROJECTS

#### Maternal Health Risk Prediction 🔗

- Created a pioneering Maternal Health Risk Prediction Web App, employing a DecisionTreeClassifier algorithm with a commendable accuracy rate of 79%.
- Created backend infrastructure using Java and Java Server Pages (JSP), complemented by a frontend crafted with HTML, CSS, and JavaScript.
- Tech Stack :** Java, Jupyter Notebook, Eclipse

#### Open Bidding Simulation 🔗

- Developed a real-time bidding simulation platform using React.js, Node.js, MongoDB, and Socket .io
- Implemented bidding logic and user behavior tracking based on auction and game theory principles.
- Created a seamless React frontend integrated with an Express.js backend, earning a 4.8/5 usability score.
- Tech Stack :** React.js, Node.js, Express.js, MongoDB, Socket .io

#### Blog Website 🔗

- Developed a full-stack blogging platform using React, Node.js, and Express to enhance user engagement and address prevalent challenges.
- Executed key functionalities including user registration/authentication, post management, commenting system, search functionality, profile management, mobile responsiveness, and logout functionality.
- Languages and Tools used:** React, Node.js, Express, Visual studio code.

### ROLES

#### Community Outreach Coordinator at 403Strats Club

Managed technology events and gaming stations while leading community outreach efforts to broaden club participation and promote tech awareness.

10/2023 – 12/2024

Coimbatore, India

### EXPERIENCE

#### Software Developer Intern | HighOnSwift

Focused on backend development, designing and optimizing server-side logic and APIs. Collaborated with teams to integrate backend services, ensuring seamless functionality. Contributed to building scalable systems, improving application performance and reliability.

07/2024 – 12/2024

Chennai, India