

# Raghul Yadhav

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## EDUCATION

### SSN COLLEGE OF ENGINEERING

BE Computer Science Engineering  
Kalavakkam, TamilNadu  
CGPA: 8.19 | Grad: July 2025

### IIT MADRAS

BS Data Science (Online)  
Chennai, TamilNadu  
CGPA: 7.63 | Grad: Dec 2026

## SKILLS

### PROGRAMMING LANGUAGE:

Java • Python • HTML • CSS  
JavaScript • ReactJS • Oracle Database  
• Spring Framework

### SOFT SKILLS

Problem Solving • Team Player  
• Multitasking • Time Management

## ACHIEVEMENTS

Kumaraguru LiveStock Hackathon,  
Kumaraguru College of Technology  
3rd Prize - Rs. 12,500

HackIT Hackathon,  
Sairam College of Engineering  
2nd Price - Rs. 5000

State Level Mobile Game  
Development Contest,  
Thiagarajar College of Engineering  
3rd Price - Rs. 4000

## COURSEWORKS

- Fundamentals and Practice of Software Development
- Internet Programming
- Software Architecture
- User Experience Design
- Agile Methodologies
- Object Oriented Analysis and Design

## SUMMARY

I'm Raghul Yadhav, a passionate technologist and software developer with expertise in Java, Python, and JavaScript. Skilled in full-stack development, I build scalable applications while ensuring seamless integration between front-end and back-end systems. With strong problem-solving and leadership skills, I thrive in collaborative environments and aim to create impactful digital solutions in the tech industry.

## EXPERIENCE

### FIDELITY INVESTMENTS | SOFTWARE ENGINEER INTERN

Jan 2024 - Aug 2024 | Chennai, TamilNadu

**Skills:** AngularJS • Java • Spring • MyBatis • JUnit • Oracle SQL • Git • Jenkins • JIRA

- Contributed to Fidelity Investments DataCatalog feature in the eTax application, which empowers business users with tailored reporting capabilities based on fund-specific criteria.
- Worked in agile and scrum development environment.
- Integrated Angular-based UI with backend services using Java, Spring, and MyBatis.
- Designed and optimized database with XML table solutions to ensure efficient performance.
- Gained experience with deployments through Jenkins Pipelines.

## PROJECTS

### AI-based Virtual Shopping Kiosk with Dynamic Planogram for Immersive Shopping Experience - Github Link

**Skills:** VR • AI • Web Development • Firebase • CSharp • Unity3D • Blender3D

A VR-Based Shopping Kiosk integrates virtual reality and planogram visualization, allowing customers to explore a virtual store. Products are arranged based on sales-optimized planograms to enhance product placement and boost profits.

### RL-Based VR Games for Cognitive Therapy in Young Adults with Movement Disorders - Github Link

**Skills:** VR • Reinforcement Learning • Web Development • Firebase • CSharp • Unity3D • Blender3D

VR games for cognitive therapy in youth with movement disorders use RL algorithms to adjust difficulty, offer real-time feedback, and track progress. Targeting conditions like Dystonia, Tremor, Myoclonus, and Spasticity, they provide personalized, interactive therapy.

### Quizzzy - MERN Application - Github Link

**Skills:** MongoDB • Express.js • React.js • Node.js • JSON (Java Script Object Notation)

Built with React, Node.js (Express), and MongoDB, this platform offers secure user registration/login, quiz creation for teachers, and score submission. Students can view scores, and teachers can track marks by quiz topics.

## PATENT PUBLICATION

### AI-based Virtual Shopping Kiosk with Dynamic Planogram for Immersive Shopping Experience

Application Number: 202441057684