

# Sai Kumar Vallipanni

## Java Full stack developer

### Contact



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<https://github.com/Saikumar-Valipanni>

### Academic Details

- **Bachelors of engineering and technology (Electronics and communication) (2021-2025)**
- **College:** TKR college of engineering and technology
- CGPA:8.73

### Training/Certification:

- Codegnan It Solutions

### Technical Skills

#### ○ **Programming Languages:**

- Java programming
- HTML
- CSS
- Java Script
- React JS
- SQL
- Git & Git hub

### Personal Details

**Date of Birth:** 28 oct 2003

**Languages Known:** English, Hindi and Telugu

**Address:** Hyderabad, Telangana

### Profile Summary

- I am a motivated and detail-oriented fresher with a strong foundation in Java programming and full-stack development. Proficient in Java, HTML, CSS, JavaScript, and SQL, I have experience building responsive user interfaces and developing scalable applications. I am eager to contribute to a dynamic development team by delivering innovative solutions while enhancing my skills in a collaborative environment

- **Portfolio Link:** [portfolio-red-beta-15.vercel.app/](https://portfolio-red-beta-15.vercel.app/)

### projects:

#### 1:Home Rentals Web Application ---DreamHouse

**Technologies:** Java, JSP, Servlets, JDBC, MySQL, HTML, CSS, Bootstrap, JavaScript

- Developed a full-stack web application to streamline house rental management with dedicated modules for **Admin, Owner, and Tenant**.
- Enabled Owners to add, update, and delete house listings with images, rent, and location details.
- Allowed Tenants to browse available properties and directly **contact owners** through the platform.
- Added smooth scroll animations (AOS.js) and **Bootstrap alerts** to improve user experience and interactivity.
- Implemented role-based authentication and **session** handling for secure access control.
- Built CRUD operations using Servlets and JSP for efficient data management.
- Ensured a responsive and dynamic UI using Bootstrap, enabling updates without full page reloads.

#### 2:E-commerce website: Picked Fresh

**Technologies:** HTML5, CSS3, Bootstrap 5, JavaScript

- Implemented responsive design ensuring seamless user experience across desktops, tablets, and mobile devices.
  - Enhanced visual appeal and accessibility with Font Awesome icons, hover effects, and structured grid layouts.
- Applied best practices in semantic HTML and optimized images for faster loading. **Link:** <https://picked-fresh-one.vercel.app/>

#### 3:Diabetic Retinopathy Detection through machine learning

**Technologies:** Python, TensorFlow, Keras, OpenCV, Streamlit, gTTS.

- Designed and deployed a deep learning model (DenseNet121) to classify retinal images into 5 diabetic retinopathy stages.
- Integrated real-time image preprocessing, segmentation, and audio- based prediction output.
- Achieved **over 85% classification accuracy** on test data.