

# ASISH KUMAR YELETI


## Aspiring Software Developer

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## EDUCATION

Bachelor of Technology (B.Tech)

### RV College of Engineering

 Sep 2023 – Present  Bengaluru

- Pursuing Computer Science and Engineering.
- Active in academic and extracurricular activities.


High School

### Delhi Public School East

 Apr 2021 – Mar 2023  Bengaluru

Primary & Secondary School


### Ryan International School

 Jun 2009 – Mar 2021  Bengaluru

## PROJECTS

DoodleSphere


### Real-Time Collaborative Whiteboard

 2025  Web Application

- Developed a real-time virtual whiteboard using Vite and TypeScript.
- Implemented collaborative drawing tools with undo/redo functionality.
- Created seamless sharing and export features for remote team collaboration.

Healthcare AI

### Mental Health Companion Platform

 2025  AI Project using React

- Designed an AI-driven mental health support application.
- Developed mood tracking and personalized support features.
- Implemented secure, evidence-based mental health analytics.

QuikCart

### Mobile Shopping Application

 2024  Flutter & Firebase Project

- Developed a comprehensive mobile shopping app using Flutter, Firebase, and TypeScript.
- Implemented advanced features including barcode scanning, smart cart management, and secure payment processing.
- Created robust user authentication and data protection systems.
- Integrated Razorpay for secure transactions and implemented cross-platform functionality.

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## File Compression Tool

### Lightweight File Utility

📅 2024

📍 TypeScript Project

- Created an intuitive file compression and decompression tool.
- Developed using TypeScript with a user-friendly interface.
- Optimized file handling for improved storage and transfer efficiency.

## EXTRACURRICULAR ACTIVITIES

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### Coding Club

#### RV College of Engineering

📅 Oct 2023 – Present

📍 In-Campus

- Actively participated in coding competitions and hackathons.
- Conducted workshops on advanced coding topics such as GenAI and Neural Networks.
- Collaborated on innovative software development projects.

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### Astra Robotics

#### RV College Of Engineering

📅 Nov 2024 – Present

📍 In-Campus

- Actively focused on developing innovative robotic solutions.
- Contributing to the design and programming of autonomous robotic systems.
- Applying software engineering skills to complex robotics challenges.
- Participating in robotic design competitions and technical workshops.

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### QuizCorp

#### RV College of Engineering

📅 Oct 2023 – Present

📍 In-Campus

- Developed and curated engaging quiz questions.
- Assisted in organizing inter-college quiz competitions.
- Enhanced event management and team coordination skills.

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### CubeX

#### RV College of Engineering

📅 Jan 2024 – Present

📍 In-Campus

- Competed in speedcubing events, improving problem-solving skills.
- Organized workshops on advanced Rubik's Cube solving techniques.

## SKILLS

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TypeScript

React

Vite

Python

Java

C++

AI/ML

Web Development

Data Structures

SQL

Algorithms

HTML/CSS

JavaScript

Flutter

## SOFT SKILLS

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Problem Solving

Creative Thinking

Collaborative Development

Innovative Design

Rapid Prototyping

Tech Communication

# LANGUAGES

English

Telugu

Hindi

Kannada

## RELEVANT COURSEWORK

### Advanced Programming Techniques

Explored modern software development paradigms, including TypeScript, React, and advanced web technologies.

### Artificial Intelligence and Machine Learning

In-depth study of AI algorithms, neural networks, and practical applications in mental health and predictive modeling.

### Software Engineering & Design Patterns

Comprehensive understanding of software architecture, design principles, and collaborative development strategies.

### Data Structures and Performance Optimization

Advanced techniques in algorithmic efficiency, data manipulation, and computational problem-solving.

### Cloud Computing and Distributed Systems

Explored scalable application design, cloud technologies, and distributed computing principles.