

# Risha Keerthi

Portfolio

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## EDUCATION

### Dayananda Sagar College Of Engineering

Bachelor of Engineering-Computer Science And Engineering

CGPA: 9.57

2022 - 2026

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, Python, TypeScript

**Technologies/Frameworks:** React, NextJs, NodeJS, Flask

**Databases/Tools:** MongoDB, Git, Azure, Firebase

## EXPERIENCE

### Microsoft

May 2025 - Present

Technology Consultant: Azure SDK, Azure AI Foundry, Flask, CosmosDB, AzureSQL

Intern : Onsite

- Developed an automated data migration system with a user interface and agent-based architecture to transfer data from **AWS S3** to **Azure Blob** Storage using **AzureOpenAI** agents, **Boto3** SDK, and **AZCopy**.
- Developed an end-to-end interview agent that processes candidate résumé, generates job-specific interview questions, and conducts audio-visual interviews using **AzureOpenAI** agents, **Azure Speech SDK**, and **Google MediaPipe** ML SDK.

## PROJECTS

### Internship Portal – Internship Management Platform | *Next.js, Firebase, TailwindCSS*

- Collaborated on a full-stack platform with a focus on frontend-backend integration to streamline internship tracking and applications for students.
- Built a role-based **admin dashboard** for managing internship listings and student details; implemented dynamic interfaces for students to **view, bookmark, and track opportunities**.

### Wall-et3 – Ethereum Wallet & Tracker | *React.js, ethers.js, Solidity, MetaMask API, Giphy API* | [GitHub](#)

- Integrated **MetaMask** for real-time wallet connection and ETH balance tracking; enabled users to send ETH and record transactions on the blockchain.
- Displayed transaction history with metadata including recipient, amount, message, timestamp, and a **GIF** fetched via the Giphy API based on keyword analysis.

### StegaShield – VSCode Extension | *JavaScript, Python, Hashing, Steganography* | [GitHub](#)

- Developed a security-focused VSCode extension to prevent source code leaks using **invisible steganographic markers, hash-based file integrity checks**, and secure encoding of environment variables.
- Implemented a custom algorithm leveraging *cosine similarity* for content verification, and automated leak detection prior to code deployment.

### MotoBikes – Service Registration Platform | *MERN Stack, Firebase* | [GitHub](#)

- Designed and developed a **full-stack service registration system** for bike service centers with real-time updates and Firebase-based authentication.
- Implemented full **CRUD operations** and optimized data retrieval using **complex MongoDB queries** for efficient record management.

## ACHIEVEMENTS AND CERTIFICATIONS

- Placed Top 10 Among 40 other teams in Aegis Sandbox Hackathon - March 2025
- Programming with JavaScript : Coursera in collaboration with Meta - March, 2024

## EXTRACURRICULARS

### ByteXync, DSCE

PR Co-Lead of the CSE Department Technical Club

Bengaluru, India

Jan 2024-Present

### Trinaada, DSCE

Member of the Music Society of Dayananda Sagar College Of Engineering.

Bengaluru, India

Oct 2022-Dec 2024