





# Rishiraj Chirchi

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## EDUCATION

Dayananda Sagar College of Engineering, Bangalore  
*B.E. Computer Science and Engineering*

Current GPA: 9.2/10  
*2022 - 2026*





## TECHNICAL SKILLS

**Languages:** Java, Golang, Dart, C/C++  
**Technologies/Frameworks:** Flutter, Springboot, Flask, Kafka  
**Databases/Tools:** Firebase, Git/GitHub, MongoDB, PostgreSQL, CI/CD, Docker, AWS

## EXPERIENCE

- Flutter Developer | Blazpay** May. 2024 – Jul. 2024
- Spearheaded the design and implementation of the application's **user interface**, primarily focusing on **chat screens**, **group chat functionalities**, and **overall user experience**.
  - Developed and integrated **chat widgets**, ensuring efficient communication flow, and implemented a dynamic system for **Web 3.0 token selection and split payment handling**.
- Flutter Developer | Cosyugma** May. 2024 – Jul. 2024
- Designed and developed a comprehensive set of **seven onboarding pages**, significantly improving **user engagement** and **onboarding experience**.
  - Managed and optimized user data profile processes, implementing **shared preferences** to **securely handle login details** and **enhance data security**.
  - Worked in the UI and front-end development for the Protopia project, enabling a seamless **video and audio chat** feature using the **Zego UI Kit package**, and contributed to the successful **deployment of the application on the Google Play Store**.

## PROJECTS

- Mivro** | Flutter, Firebase, Flask, Python 
- Developed** a Flutter application enabling users to scan food products and retrieve comprehensive details, including nutritional information and product origins.
  - Implemented a custom barcode scanner** that delivers detailed insights upon scanning, such as ingredients, positive and negative attributes, NOVA group classification, and suggestions for healthier alternatives.
  - Designed and integrated a custom chatbot** that consistently provides users with recipes, personalized recommendations, and answers to all food and nutrition-related inquiries.
- GoFlow** | Go, Gemini AI, GitHub API, Twitter API, TypeScript 
- Built an AI-powered GitHub workflow automation tool** that streamlines tasks such as code review generation, social media post creation, email drafting, and pull request analysis.
  - Integrated Gemini AI with GitHub and Twitter APIs** to automate content generation for various developer workflows.
  - Developed a Chrome extension** that allows users to trigger AI-based workflows directly from their browsers.
- Crypta** | Flutter, Firebase, Flask, MongoDB 
- Developed** a system that enables users to upload all types of files and view detailed metadata for each file.
  - Developed a comprehensive and detailed dashboard** to allow users to understand their vulnerabilities better.
  - Implemented automated digital forensics and incident response mechanisms** to analyze and handle uploaded files efficiently.
- SummUp** | Spring Boot, Flutter, Kafka, MongoDB 
- Built an emotion-aware chat companion app** that provides real-time sentiment analysis and mood feedback during conversations.
  - Implemented WebSocket-based chat system** with Kafka message streaming for efficient message processing and integrated it with Springboot.
  - Developed a Go microservice for sentiment analysis** using Gemini AI, which provides insights and mood indicators for chat conversations.

## ACHIEVEMENTS

- Runner-Up, Go for Gofr Hackathon:** secured 2nd place in the Go for Gofr Hackathon.
- Second Runner-Up, DSU Devhacks'24:** achieved 3rd place in DSU Devhacks'24.
- Second Place, BMSCE Phaseshift:** awarded 2nd place at Pragathi Idea Convention, BMSCE Phaseshift.
- Member, Point Blank** an elite student club consisting of the best programmers of my college.
- Member, Bytexync** part of the Technical and Event Management Team of Bytexync, backed by the department of CSE.