# Glen Jayson Dmello

Full Stack Developer

glendmello04@gmail.com | +91 9972487827 | LinkedIn | GitHub | Portfolio

## SUMMARY

Diligent MERN Stack and Flutter Developer with a strong foundation in modern web and mobile technologies. Experienced in building intuitive user interfaces and integrating efficient back-end logic to enhance overall functionality. Capable of working independently as well as collaborating in a team environment.

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6+), TypeScript, Java, Dart
**Frameworks/Libraries:** React.js, Redux, Node.js, Express.js, NestJS, Flutter, Prisma
**Databases & Storage:** MongoDB, Redis, Firebase, Qdrant
**Tools & Platforms:** Git, Docker, Linux, Postman

## EXPERIENCE

**Hackfest'24 Finalist (Team Epsilon)**                                             Mar 2024
*SAP x PSG iTech Hackathon*                                                    *Coimbatore, India*

- Reached the Top 93 out of 2,500 teams in a national hackathon organized by SAP.
- Developed DConnect, a dynamic carpooling application enabling users to seamlessly switch between driver and passenger modes.
- Implemented secure login, ride booking, and user-friendly ride-sharing features.

## PROJECTS

**PG Application - Full Stack PG Website**          *React, Express, Redux, Firebase, MongoDB*          2024

- Developed a full-stack PG booking platform using React, Node.js, MongoDB, and Firebase Authentication, with Redux for state management, Cloudinary for image uploads, and Redis for optimized performance.
- Integrated Razorpay for secure payments with automated invoice generation; implemented comment sections for each PG listing.
- Built an AI-powered PG assistant chatbot using Groq Cloud API with Qdrant vector database for semantic search and efficient query handling.

**FluentEdge - English Speaking and Typing Test App**          *Flutter, Firebase, NestJS, Prisma*          2025

- Developed a cross-platform Flutter app to test users' English proficiency in speaking and typing.
- Created dashboards for speaking, typing, and a main dashboard combining overall progress and scores.
- Integrated Groq Cloud's Whisper Large V3 model for transcription, using NestJS with Prisma ORM to generate PostgreSQL schema and Firebase for authentication.

## EDUCATION

**Bachelor of Engineering in Computer Science**                                     2022 – 2026
*St. Joseph Engineering College (VTU)*                                       *Mangaluru, Karnataka*

## ACHIEVEMENTS

Placed in the Top 93 out of 2,500 teams in Hackfest'24, a national hackathon organized by SAP.