

Samad Khan

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Location: Open to Relocation | (+91) 8602679827 | [LinkedIn](#) | [GitHub](#)

Skills

Flutter:

- Proficient in building responsive and dynamic Flutter UIs using custom widgets and third-party packages.

Firebase:

- Skilled in implementing Firebase Firestore and Realtime Database for scalable cloud-based app backends.

Node.js:

- Experienced in core Node.js modules, including Buffers, Streams, File System, and Event Emitters for efficient data handling.
- Proficient in building robust server-side applications using Networking (TCP/UDP modules), HTTP module, and Clustering module.
- Adept at leveraging Unix, Compression techniques, and Multithreading for performance optimization in backend systems.

Projects

Flutter:

Expense Tracker(Flutter)

- A Flutter app for efficient expense management with Firebase authentication, automated email reminders via AWS SES, and a profile management system.

NodeJs:

- **Terminal-based Chat Application-** Developed a chat application using TCP and UDP modules for real-time communication.
- **File Transfer Server-** Built and deployed a high-performance server on AWS EC2 capable of transferring hundreds of gigabytes of data files efficiently using Streams, TCP, and UDP modules.

- **Video Processing Web Application**- Created a backend web application leveraging FFMPEG, allowing users to upload video files, extract audio, and modify video dimensions.

Education

IIT ,Dharwad

Bachelor's in Computer Science (2023-2027)

Kendriya Vidyalaya No1, Bhopal

High School Diploma (2010-2022)