# Sudeep

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## Objective

To leverage my expertise in backend development with Node.js to build scalable, efficient, and user-centric applications, while continuously enhancing my technical skills and contributing to the success of the organization.

## Skills

**Languages:** Javascript, Typescript, Java, Python, SQL

**Frameworks:** Node.js, Express.js, React

**Technologies:** HTML, CSS, REST APIs, Jenkins, AWS

**Other Tools:** Git, VS Code, IntelliJ, Postman

## Projects

### Expense Tracker App:

- Implemented premium features with Razorpay Payment Gateway for secure user subscriptions.
- Designed expense management functions and implemented leadership board for group expense tracking,contributing to a 15 percent increase in user engagement.
- Utilized Amazon S3 to achieve reduction in file retrieval for secure report downloads and storage.
- Tools Used: Node.js, Express.js, MongoDB, Mongoose, JWT, AWS S3.

### Group Chat App:

- Architected a scalable, real-time chat solution integrating WebSocket, enabling instant messaging capabilities and enhancing user engagement.
- Implemented user discovery and friend request features for seamless connections.
- Integrated one-on-one and group messaging with secure login, leveraging Amazon S3 for efficient multimedia storage and transmission, ensuring seamless performance and data security.
- Tools Used: Node.js, Express.js, MySQL, Sequelize, JWT, Socket.io, AWS S3.

### AI-Powered PDF to Audio Summarizer Web App:

- Developed a web application to convert uploaded PDF files into natural-sounding speech using Google Cloud Text-to-Speech.
- Integrated OpenAI API to summarize extracted PDF content before converting it to audio, enhancing clarity and conciseness.
- Utilized 'pdf-parse' for content extraction and Node.js streams for efficient audio generation.
- Tools Used: Node.js, Express.js, OpenAI API, Google Cloud TTS, Redis, pdf-parse.

## Experience

**Business Development Executive**                                                     *Hyderabad*
*Larsen and Toubro Ltd - Construction and Mining Machinery Business*        *Aug 2022 – Dec 2024*

- Drove sales and provided after-sales support for L&T and Komatsu earthmoving equipment, enhancing customer satisfaction and driving revenue growth.
- Increased sales by 20% through strategic lead generation and competitor conversions.
- Conducted machinery performance studies, improving customer decision-making efficiency by 15%.

## Education

**The National Institute of Engineering, Mysuru**                          *Aug 2018 – Jul 2022*
*Bachelor of Engineering*

**Sainik School Bijapur**                                                   *Jun 2017 – May 2018*
*Class 12 - CBSE*

## Certifications

**Postman API Fundamentals Student Expert - Postman**                                    Nov 2024

**Introduction to Generative AI - Google Cloud**                                          Nov 2024