

# KUSHAL PADHIYAR

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## Profile

Results-driven Backend Developer with expertise in designing and implementing scalable systems across diverse domains, including e-commerce, finance, and customer management. Proficient in Node.js, Express, and database management, with a proven track record of enhancing API performance and enabling real-time data processing. Adept at building robust architectures that ensure efficiency and reliability.

## Experience

### SRKAY Consulting Group

Jan 2024 – Apr 2024

Backend Development Engineer

Surat, India

- Backend Developer Intern who collaborated with the engineering team to develop E-Commerce solutions using Node.js and Express.js.
- Implemented critical features including user authentication systems, product APIs, and shopping cart functionality while maintaining MySQL database integrations.
- Demonstrated strong problem-solving skills through the development of efficient search algorithms and RESTful API architectures.

### Arham Share Pvt Ltd.

Nov 2024 – Present

Backend Development Engineer

Surat, India

- Developed and maintained robust backend systems for financial platforms, including stock trading, mutual funds, SIP, insurance, and client management software.
- Built and optimized critical utilities such as RTRMS (Real-Time Risk Management System), RMS (Risk Management System), CRMS (Customer Relationship Management System), Trading KYC, and Early Pay-in.
- Designed and implemented efficient backend solutions for Help Desk/Customer Support systems, significantly enhancing ticket resolution times and client satisfaction.
- Integrated seamless APIs and developed core functionalities to support real-time trading, effective risk control, and accurate financial data processing.
- Optimized database architectures and queries to ensure high efficiency in managing diverse financial applications.

## Education

### Gujrat Technological University, Ahmedabad

Nov 2020 - May 2024

Bachelor of Engineering in Computer Science

CGPA-7.60

## Projects

### RTRMS (Real Time Risk Management System)

- Automated BOD (Beginning of Day) and EOD (End of Day) processes, reducing manual work like create Final Report and Allocation File and Collateral Files.
- Implemented real-time monitoring features tracking allocation across FO, CM, and CD segments.
- Developed mechanisms to detect user over-utilization, triggering actions like limit adjustments or early pay-ins through stock sales to optimize trading limits.
- Created CRON jobs running every minute to retrieve Snap Short files from Extranet and SFTP servers and store file data into database.
- Tech Stack: Node.js, Express.js, Sequelize, SQL Server.

### User Help Desk

- Designed and developed a comprehensive User Help Desk system to streamline ticket management and accelerate issue resolution.
- Implemented an intuitive workflow enabling users to raise tickets, which are dynamically routed to the appropriate internal staff or department for prompt handling. Integrated real-time chat support to enhance client communication and provide instant assistance.
- Empowered Heads of Departments (HODs) with tools to assign tickets to specific teams, ensuring efficient delegation and faster problem-solving.
- Integrated real-time chat support, enhancing client communication and providing instant assistance.
- Optimized ticket tracking and assignment processes, significantly improving response times and boosting overall customer satisfaction.