

ARUN KUMAR SINGH

Email: 03arunssingh@gmail.com

Phone: +91-9369118586

GitHub:- <https://github.com/aruncoding>

Profile Summary

Backend Developer with 4 years of experience specializing in server-side development using **JavaScript**, **TypeScript**, and backend frameworks like **Node.js**, **Express.js**, and **NestJS**. Proficient in **MySQL**, **SQL**, **PostgreSQL**, and ORMs such as **TypeORM** and **Sequelize**. Experienced in using tools like **Git**, **Postman**, **Swagger**, and **Jenkins** for efficient software development and deployment.

Work Experience

- **Software Engineer | Elite Mindz Pvt Ltd** (08-Nov-2021 To Present)
 - Used Node.js and Express, MySQL to build web server and Restful APIs.
 - Also worked on NESTJS, TypeOrm AND MYSQL to developed APIs for web applications.
 - Integrate SOLR Search in Nodejs to decrease searching response time.
 - Used swagger and Postman for API's response checking.
 - Used JIRA and GIT for Task and for version control
 - Attend client meeting for gathering project work
- **Software Engineer | Y3K Imaginations** (02-July-2020 To 27-Oct-2021)
 - Analyzed business requirement to translate functional requirements into technical requirements and developed web API using Nodejs, Express MySQL
 - Used NodeJS and Express framework to build server side logic, and applied with middleware's to handle http requests.
 - Involved in design and development of restful API and services to interact with data storage layer.
 - GIT was used as code repository

SKILLS

- Programming Languages: **JavaScript**, **TypeScript**
- Backend Frameworks: **Node.js**, **Express.js**, **NestJS**
- Databases: **MySQL**, **SQL**, **PostgreSQL**
- ORMs: **TypeORM**, **Sequelize**
- Tools: **Git**, **Postman**, **Swagger**
- Architecture: **Microservices**
- CI/CD Tools: **Jenkins**

Professional Academic Qualification

Qualification	School/College/ University	Board	Year	Percentage
B.tech	Babu Banarsi Das National Institute Of Technology and Management	GBTU	2012-2016	63.27%

PROJECTS DONE

➤ **SafeLanes → Sea Ship and Crew Member Transportation Monitoring**

This project is based on sea ship, this project run both online and offline, this project helps in exchange for information between office user and the user on the ship.

- NestJS framework and MySQL database to create APIs for this project.
- Integrated several third-party APIs, such as Solr-node, Aspose, and html-to-text.
- Multi-tenant database architecture has been implemented in this project.
- SQL and TypeORM have been used in this project for data retrieval, insertion, updating, and deletion.
- Swagger has been implemented in this project.
- Utilized Jira and Git for project management and version control.
- Used microservices to enhance and maintain my module and make API response faster.

➤ **Stock Fantasy (Ring the Bell) → App Game Based On Stock Buy and Sale with Winner Declaration and prize Distribution**

Truly Based On my sql query and Database Project, it's an APP Game Based on Real stock Market share sell and purchase, user pay to play game and predict stock of count 5 to sell or buy. After game duration over winner decided and get money according to winning amount in the wallet which they can transfer any time in their account

- NODEJS, EXPRESSJS and MYSQL database to create APIs for this project.
- Single database architecture has been implemented in this project.
- Paytm Payment gateway have integrated in this project
- Cron Job used for getting stock market price
- TwelveData Third Party API integrated for getting real time-share price.
- SQL and SEQUALIZE have been used in this project for data retrieval, insertion, updating, and deletion.
- Different module manages using microservices

➤ **Cyboard → LMS Based Project Used By More than 1000 students Currently**

A Online School Used To Teach Student Online with Every Facility as we see in offline school, develop both on APP and Web With Zoom Integration available, currently used by more than 1500 users

- NODEJS, EXPRESSJS and MYSQL database to create APIs for this project.
- Single database architecture has been implemented in this project.
- Razorpay Payment gateway have integrated in this project
- Zoom integrated for live class
- Postman used for API check
- SQL have been used in this project for data retrieval, insertion, updating, and deletion.

➤ **Nitanat LMS School → LMS Based Project Where One Central School Create New School and New Database**

A Unique way of delivery education online is this project where a super admin can create new school with new database so it's a central panel where all update in this panel when sync get visual in all other created school

- NODEJS, EXPRESSJS and MYSQL database to create APIs for this project.
- Single database architecture has been implemented in this project.

- Integrated RazorPay for payment
- Used Jenkins and GIT for CI/CD and Version Control

➤ **DQS → ERP project**

- ✓ Description: Developed an ERP-type system for managing and streamlining enterprise processes.
- ✓ Technologies Used: Node.js, Express.js, Sequelize, MySQL, Git, Jenkins, Microservices.
- ✓ Key Contributions:
 - Designed and implemented RESTful APIs for core ERP functionalities.
 - Utilized Sequelize ORM for efficient database management and query optimization.
 - Integrated microservices architecture to enhance modularity and scalability.
 - Automated deployment pipelines using Jenkins.
 - Ensured seamless version control and collaboration with Git.