

# NISHA MAJHI

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## EDUCATION

### Graphic Era Hill University

Bachelors of Technology in Computer Science and Engineering - CGPA 8.13/10

July 2019 - Jun 2023

Dehradun, India

## EXPERIENCE

### Elixia Robotics

Full Stack Developer

Mumbai

Jan 2025 - Present

- Technologies Used : TypeScript, Node.js, Express.js, Nest.js, MySQL, Prisma, sequelize, TypeORM, MongoDB, Mongoose.
- Developing and optimizing the **Transport Allocation Backend** for a **TMS (Transportation Management System)**.
- Integrating **Redis** caching to improve performance and ensure data consistency.
- Designed an **Image Deduplication System** using hashing, MongoDB, and Bull queues to prevent duplicate odometer uploads in trip management.

### Unico Connect

Software Engineer

Mumbai

May 2024 - Jan 2025

- Technologies Used : JavaScript, Node.js, Express.js, PostgreSQL, Prisma ORM and Xano(No-Code).
- Implemented real-time **data synchronization** between PowerSchool and our internal database, enhancing **data integrity** and **consistency by 50%**.
- Utilized **Redis** for efficient caching and **RabbitMQ** for asynchronous messaging, ensuring reliable and low-latency data synchronization.
- Implemented **Crypto** package for secure **hashing**, enhancing data security and integrity.
- Collaborated with multiple teams to design and implement RESTful APIs, ensuring seamless integration.

### Next Web Guru Techno Services

Full Stack Developer

Uttarakhand

Apr 2022 - Apr 2024

- Technologies Used : JavaScript, TypeScript, Node.js, Express.js, MySQL, MongoDB, Prisma and Mongoose.
- Integrated **OAuth 2.0** to connect with **Google, Facebook, Twitter(X), LinkedIn** and **TikTok Ads accounts** for **secure authentication**.
- Implemented **Nodemailer** and **Slack** to send automated reports, ensuring timely communication and seamless workflow.
- Implemented **JWT-based authentication** technique to ensure robust security measures within the system.
- Designed and optimized high-performance **Backend systems** and **database schemas** for **SQL** and **NoSQL** databases.

## PROJECTS

### Highlands Brain | Javascript, Node.js, Express.js, Postgresql, Prisma, REST, npm, Xano(No-Code)

May 2024

- Developed a **learning** and **up-skilling** app designed for diverse groups, including **criminals, refugees, and older adults**.
- Implemented the **Support Module** for ticket creation and the **Resource Management Module** to facilitate access to educational resources.
- Developed the **Feed Module** to create **Emergency alerts, Announcements** and **Event notifications**.
- Designed and implemented the **Attendance Module** that marks student attendance through **NFC tags** and **Manual** entry options.

### Ad-report | Typescript, Node.js, Express.js, MySQL, Prisma, REST, npm

Jul 2023

- Developed a centralized dashboard to **monitor** and **analyze ads** and **campaign** performance across multiple platforms like **LinkedIn, Google, Facebook, TikTok, Twitter**.
- Provided features like **UTM generator, short-link generator** and **automated reporting**.
- Implemented **analytics** feature for **tracking website traffic** and **filtering** data based on pages, location, source and browsers.

## TECHNICAL SKILLS

- Programming Languages:** C/C++, JavaScript, TypeScript
- Web Development:** Next.js, Node.js, Express.js, Nest.js
- Databases:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB)
- Tools/Technologies:** Docker, Redis, RabbitMQ, Swagger, Jira, Git, GitHub, Bitbucket, Postman, Prisma, TypeORM, Sequelize, Mongoose, Visual Studio Code
- Concepts:** REST API, Package managers (NPM), Agile Methodology, MicroService, MVC, Authentication & Authorization
- Soft Skills:** Communication, Teamwork, Flexibility