

# Mirza Danish Baig

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## Education

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<b>Jawaharlal Institute of Technology (Borawan), Khargone</b> <i>Bachelor of Technology</i>	2023 – 2026
<b>Vimla Convent Higher Secondary School, Sanawad</b> <i>Secondary and Higher Secondary Education</i>	2020 – 2022

## Experience

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<b>Full-Stack Developer</b> <i>Project-Based Experience</i>	Present
<ul style="list-style-type: none"><li>○ Developed and deployed full-stack applications managing frontend, backend APIs, and databases for platforms like VidTube and URL Shortener</li><li>○ Implemented features using MERN stack, Next.js, and Docker with agile methodologies for planning, testing, and deployment</li><li>○ Collaborated with developer communities for debugging and optimization, implementing best practices for performance and user experience</li></ul>	

## Projects

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<b>VidTube</b>	<a href="https://github.com/Daniel001x/vidtube">github.com/Daniel001x/vidtube</a>
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- Developed a comprehensive backend API for a video sharing platform using Node.js, Express.js, and MongoDB Atlas
- Implemented secure user authentication and authorization using JWT (JSON Web Tokens)
- Integrated Cloudinary for efficient media file uploads and storage, handling both images and videos
- Built RESTful API endpoints for user management, video operations, and content delivery

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<b>URL Shortener – Backend API</b>	<a href="https://github.com/Daniel001x/short-url">github.com/Daniel001x/short-url</a>
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- Built a RESTful API service for generating short URLs and redirecting to original URLs using Node.js and Express.js
- Implemented MongoDB database with Mongoose ODM for efficient data storage and retrieval
- Integrated NanoID library to generate unique short URL identifiers with collision prevention
- Developed visit history tracking system to record timestamps and analytics for each URL access
- Utilized ES Modules for modern JavaScript architecture and improved code organization

## Technical Skills

**Languages:** JavaScript, TypeScript

**Frameworks & Libraries:** React, Next.js, Express.js, Node.js, Tailwind CSS

**Databases & ORM:** MongoDB, Drizzle

**Developer Tools:** Docker, Git, GitHub, Postman, VS Code, Warp