



PRERANA BABALI

 LinkedIn  GitHub

 +91-9980257940

 preranababali@gmail.com

EDUCATION

Bachelor of Technology | Electronics and Communication Engineering

Nov 2020 - Jul2024

SG Balekundri Institute of Technology College of Engineering

Pre-University

Jun 2018 - May 2020

Raja Lakhamagouda Science Institute

TECHNICAL SKILLS

Languages: JS (ES6+), Node.js

Backend: Express | RESTful API Development | MVC Architecture

Auth & Security: JWT | Session Authentication | RBAC | Input Validation

Databases: PostgreSQL (Prisma ORM) | MongoDB (Mongoose ODM)

Tools: Git, GitHub Actions, Postman

Core Skills: CRUD Operations | Middleware | Error Handling | API Design | Database Query Optimization

Frontend: HTML/CSS, DOM, Tailwind, React, Typescript, Vite

PROJECTS

Social Media Website (The Odin Project)



- Engineered a production-ready Node.js/Express backend with PostgreSQL & Prisma ORM, implementing RESTful APIs for posts/comments/likes, session-based auth via Passport.js, and RBAC middleware.
- Architected full social features including user relationships (follows), Cloudinary image uploads, and MVC-structured EJS views, with 100% Postman validated API coverage
- Optimized PostgreSQL queries for high-concurrency social interactions while implementing end-to-end error handling and secure session persistence

Secure File Uploader with Google OAuth



- Implemented end-to-end authentication using Google OAuth 2.0 (Passport.js) with session management, securing all routes and protecting sensitive credentials via environment variables
- Engineered file handling system with Multer for upload processing, storing files in structured directories while tracking metadata via Prisma ORM
- Built user dashboard with EJS templates for file management, providing direct access links and deployed with (GitHub Actions)

EXPERIENCE

YAHWEH SOFTWARE SOLUTIONS – Backend Developer Intern

JUN 2025 – Present



- Contributed to the development and maintenance of scalable RESTful APIs using Node.js, Express.js, and PostgreSQL (MVC architecture), implementing key features including JWT/RBAC authentication and secure endpoint design (e.g., input validation, rate limiting).
- Assisted in optimizing database performance through query tuning and implementing connection pooling, contributing to reliable API responses (< 200ms avg) during peak usage.
- Collaborated closely with frontend teams to integrate APIs with React applications, participating in code reviews, debugging backend and integration issues, and supporting CI/CD deployments via GitHub Actions and Postman.

CERTIFICATIONS

Full Stack Development | JSpider's Training Institute Bangalore

