**PRERANA BABALI [](file:///C:\Users\PRERANA%20BUBBLY\Downloads\9980257940)** +91-9980257940

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# 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

[](https://github.com/prernababali/Social-Media-Website-Odin-Book-)**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

[](https://github.com/prernababali/-File-Uploader-with-Google-OAuth)**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

[](https://www.linkedin.com/company/yahwehsoftwaresolutions/?originalSubdomain=in)**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**

[](https://www.freshersworld.com/training-institutes/jspiders-training-institute-in-bangalore/4343011806) Full Stack Development **| JSpider’s Training Institute Bangalore**