

# PRADEEP KUMAR

New Delhi, Delhi

✉ [pradeepkumarbgs62019@gmail.com](mailto:pradeepkumarbgs62019@gmail.com) [in linkedin](#) [github](#)

Hello, I'm Pradeep Kumar Sahu, a Software Developer with a strong foundation in web technologies. I recently graduated and am passionate about coding and building scalable web applications. My expertise lies in full stack development, Mobile Application Development with React Native.

## EDUCATION

SBSS College

2021 – 2024

Begusarai, Bihar

## TECHNICAL SKILLS

**Languages:** JavaScript/TypeScript , Python , SQL, Java/Golang (learning and exploring)

**Developer Tools:** Git , GitHub , Docker , Nginx , Postman

**Technologies/Frameworks:** ReactJS, VueJS, NextJS, NodeJS Backend, Spring Boot, Django, Flask

**Databases:** PostgreSQL, MongoDB, Redis, Firebase Realtime Database

**Android Development:** React Native with Expo

**System Design:** Learning High-Level System Design concepts including scalability, load balancing, and distributed systems

## PROJECTS

**PingFile CLI** [github](#) | A Command-Line Tool for API Testing and Execution

- **PingFile CLI** is a command-line tool designed to simplify API testing and execution by allowing users to run API requests directly from configuration files in **JSON**, **YAML**, or **PKFILE** formats.
- **Key Features:**
  - Supports multiple file formats (**JSON**, **YAML**, **PKFILE**) for defining API requests.
  - Provides colorful terminal output with detailed status codes, headers, and response bodies.
  - Allows saving API responses and supports multithreaded execution for batch processing.
  - Includes advanced features like cookie management, credential handling, and file uploads.
- **Impact:** Simplifies API testing workflows for developers by providing a lightweight, cross-platform tool that integrates seamlessly into development pipelines.

**Diesel.js** [github](#) | A fast , minimilistic web framework for building robust fast APIs

- **Diesel.js** is a high-performance, Bun.js-based web framework with Express-like syntax, built for rapid API creation. It supports lazy parsing, dynamic routing, and efficient middleware execution to enhance speed and reduce runtime overhead.
- Features include **Route Security** with the `filter()` method for managing public and protected routes, enabling fine-grained access control via `permitAll()` and `require()` functions, and custom JWT-based authentication for sensitive endpoints.
- Diesel.js also supports **Lifecycle Hooks** (e.g., `onRequest`, `preHandler`, `postHandler`, `onSend`) to execute custom logic such as logging, authentication, and data handling at various stages of the request lifecycle.

**DevTube** [github](#) | Recat , Express.js , MongoDB with Aggregation pipeline

- About Project: **DevTube** is a video-sharing platform where users can authenticate and access personalized features.
- Users can upload and watch videos, like and subscribe to channels, and comment on videos.
- Includes social sharing features like tweet functionality for easy video sharing.