

# Puneetharaj K R

Bengaluru, Karnataka, 560032 | 8431482966 | [puneetharajkr123@gmail.com](mailto:puneetharajkr123@gmail.com)

<https://www.linkedin.com/in/puneetharaj-k-r-49929a239>

<https://github.com/Puneetharajkr>

## Professional Summary

Full Stack Developer (**MERN Stack**) with 4+ **full-stack** projects deployed, specializing in **React, Node.js, and REST APIs**. Built scalable applications with **user authentication, real-time data processing, and responsive UIs**. Passionate about clean code and AI integration. Passionate about leveraging AI/ML and **data analytics (Pandas, NumPy, PowerBI)** to enhance decision-making. Currently upskilling in **Data Science** to bridge software engineering with predictive modeling. Strong problem-solving skills and a track record of delivering high- impact projects

## Technical Skills

**Programming Languages:** Python, JavaScript, SQL

**Frontend:** HTML, CSS, CSS-FlexBox, Responsive Web Design, Bootstrap, **JavaScript, React.js**

**Backend:** Python, JavaScript, **Express.js, Node.js, REST APIs**

**Databases:** SQL, **SQLite**, MySQL, MongoDB (Basics)

**AIML/Data Science:** Python, SQL, **Numpy, Pandas, PowerBI, Tableau Basics**, Data Visualization, DashBorad

**Tools:** Git, **Postman**, PowerBI, Tableau

## Projects

### Task Manager - Full Stack

[\[Task Manager Frontend\]](#) | [\[Task Manager Backend\]](#)

A complete task tracking system for adding, updating, deleting, and filtering tasks with status and priority.

- Designed interactive task interface using **React.js**, featuring dynamic **form inputs and validation**.
- Built a scalable backend using **Node.js, Express.js, and SQLite**, handling **CRUD** operations and user actions.
- Integrated filtering by task status and search keyword using **REST** query parameters.
- Ensured task persistence using **SQLite** and **Git version control** for consistent updates.
- Handled both frontend using **React.js** and backend using **Node.js** and **Express.js**.

**Tech Stack:** React.js, Node.js, Express.js, SQLite, REST APIs, Git

### User Authentication System - Backend

[\[Authentication Backend\]](#)

A secure user registration and login system for authenticating users and managing password updates.

- Implemented robust user **authentication** using Node.js, Express.js, and SQLite, with secure **bcrypt password hashing**.
- Built **REST APIs** for registration, login validation, and password update functionalities.
- Added password strength checks and structured error handling for production readiness.

**Tech Stack:** Node.js, Express.js, SQLite, bcrypt, REST APIs, Git

### Loan Manager - Full Stack

[\[Loan Manager Frontend\]](#) | [\[Loan Manager Backend\]](#)

A responsive financial web app that enables users to manage loan data, repayment schedules, and financial overviews.

- Developed frontend using **React.js** for creating, updating, and viewing loan entries dynamically.
- Created **REST** backend using **Node.js**, **Express.js**, and **SQLite**, enabling seamless data operations.
- Implemented user-specific loan tracking features with intuitive layout and real-time updates.
- Focused on component modularity and backend scalability.

**Tech Stack:** React.js, Node.js, Express.js, SQLite, REST APIs, Git

## Todo API Management - Backend

### [[Todo Backend API](#)]

A full-featured backend API for managing todos with filtering, CRUD operations, and data validation.

- Developed REST endpoints to **create**, **read**, **update**, and **delete** todos using **Express.js** and SQLite.
- Implemented **advanced filtering** options with query parameters (by category, priority, status, and search keyword).
- Added due date validation and formatting using the **date-fns** library to ensure correct date inputs.

**Tech Stack:** Node.js, Express.js, SQLite, date-fns, REST APIs, Git.

## Arizon E-Commerce Web App - Frontend

### [[E-Commerce Frontend](#)]

A modern e-commerce frontend application featuring product listings, cart handling, and UI animations.

- Built product display pages using React.js, enabling cart addition, quantity updates, and price calculation.
- Implemented category-based routing with React Router and used React state for user interaction.
- Created mobile-friendly design with custom CSS for grid layouts and responsiveness.

**Tech Stack:** React.js, JavaScript, Fetch, Axios, HTML, CSS, Git.

## E-Commerce Website - Frontend

### [[E-Commerce Frontend](#)]

A fully responsive website that offers a wide range of products, detailed information about each product.

- Designed to provide the best user experience with HTML structure elements and **Bootstrap** components.
- Included product videos and image carousels to enhance customer engagement.
- Optimized responsiveness using **FlexBox** for all screen sizes.

**Tech Stack:** HTML, CSS, Bootstrap, CSS-FlexBox, React.js, Git.

## Nxt Watch - Frontend

### [[Nxt Watch App](#)]

A YouTube-style video platform with theme switching, **authentication**, and content filtering.

- Designed interactive pages, including Login, Home, Trending, Gaming, and Saved videos, using React.
- Implemented a secure login system with **username/password input**, followed by **API calls** and **JWT token** handling for persistent login states.
- Implemented **protected routes** and routing using **React Router** (Switch, Route, Link).

**Tech Stack:** React JS, JavaScript, CSS, Bootstrap, Routing, REST API Calls, **Local Storage**, JWT Token.

## Education

### Bachelor of Engineering (BE) - Information Science and Engineering (ISE / IT)

BNM Institute of Technology (BNMIT), Bengaluru | 2020 - 2024 | **CGPA: 7.77**

### Intermediate (PCMB)

Sharadamba Indp Sc Pu College, Tumkur | 2017 - 2019 | **85.50%**

### Secondary School of Certificate

Government High School, Hosur, Karnataka | 2015 - 2017 | **92.32%**

## Certificates

- **Python Fundamentals** | Cognitiveclass.ai | [[View](#)]
- **SQL** | NxtWave | [[View](#)]
- **Python** | NxtWave | [[View](#)]
- **Responsive Web Design** | NxtWave | [[View](#)]
- **JavaScript Essentials** | NxtWave | [[View](#)]
- **Node.js** | NxtWave | [[View](#)]
- **React.js** | NxtWave | [[View](#)]

## Training

- **MERN Stack Development** – NxtWave Disruptive Technologies
- **Data Science & AI Fundamentals** – Be10x AIGyan (Ongoing)
- **Data Science & Analytics** – Network Academy (Ongoing)