

BHAVYA JAIN

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[Github](#) | [LeetCode](#)

Education

Scaler School of Technology

Bachelor and Masters in Computer Science

July 2023 - July 2027

Bengaluru, India

Birla Institute Of Technology And Science

BSc in Computer Science

July 2023 - July 2026

Skills

Programming Languages : Java, Javascript, SQL

Tools & Technologies : Restful APIs, GitHub, HTML, CSS, Linux , React.js , Express.js , Node.js , Tailwind , SpringBoot

Data-Bases : PostgreSQL , MongoDB

Other Skills : Object Oriented Programming, Problem-Solving, Data Structures and Algorithms

Projects

Scalable Notification System

Node.js, GraphQL, MongoDB, Kafka, Docker, Redis

- Developed a **microservices-based architecture** to build a modular and scalable notification system.
- Implemented a **GraphQL** Gateway using **Apollo Server** for seamless client interactions.
- Designed and built a **Recommendation Service** for recommending products to users based on several factors.
- Created a **Notification Service** to manage the creation, retrieval, and tracking of notifications for users.
- Utilized **Kafka** and **Zookeeper** to enable reliable event streaming and message brokering across services.
- Leveraged **Docker** for containerizing services and Docker Compose for simplified deployment.
- [GitHub](#)

Blog Mania

React.js (Vite), Tailwind — Node.js, Express, Sequelize, PostgreSQL

- Developed a full-stack blogging platform with a secure authentication system and optimized performance.
- Backend: A **Node.js** application using **Express** for RESTful APIs, **Sequelize** for PostgreSQL ORM, and **JWT** authentication for security.
- Performance: Implemented **Redis** caching to optimize response times and reduce database load.
- Frontend: A **React.js** app built with **Vite**, utilizing **React Router** for navigation and **Context API** for state management.
- Design UX: Fully responsive UI styled with **Tailwind CSS**, ensuring a seamless experience across devices.
- [View Project](#)

TaskFlow

React.js, Tailwind CSS — Node.js, Express, MongoDB

- Employee Management System (MERN Stack)**: Developed a full-stack employee task management app with role-based authentication and real-time tracking.
- Implemented **secure JWT authentication** for user authorization and access control.
- Backend: Designed RESTful APIs using **Node.js**, **Express**, and **MongoDB** for tasks, authentication, and performance monitoring.
- Frontend: Built a fully responsive UI with **React.js** and **Tailwind CSS** for an optimized user experience.
- [View Project](#)

Experience

Scaler School of Technology

Teaching Assistant(Web Development)

December 2024 - Present

Bengaluru, Karnataka, India

- Managing and mentoring a cohort of **50+** students, providing comprehensive support in web development subjects

Achievements

- Successfully contributed to open source by getting my **pull request** merged in **Layer5.io**.
- Got my **pull request** merged in **Keploy**, contributing to improving testing frameworks.
- Achieved a competitive programming rating of **1686** with **180+** problems solved.