

# Pushp Ranjan

pushpranjan7664@gmail.com | +91 8210549077 | Bangalore, India | GitHub | LinkedIn

## EDUCATION

### Bangalore Institute of Technology

Bachelor of Engineering (BE)

CGPA : 9.44/10

2022 – 2026 | Bangalore, India

## EXPERIENCE

### Full Stack Engineer Intern

05/2025 – present | Bangalore, India

wiseanalytics

- **Engineered** mobile-first, responsive UIs in **Next.js** and **Tailwind CSS**, elevating cross-device user satisfaction by **30 percent**.
- **Integrated** interactive dashboards with **Chart.js** and **Recharts**, raising data-insight engagement by **40 percent**.
- **Optimized** RESTful API flows, trimming data-fetch latency **25 percent** and sharpening overall front-end responsiveness.
- **Teamed** with back-end engineers to refine component lifecycle and global state, slicing initial load times by **20 percent**.
- **Contributed** in daily **Scrum** stand-ups, sprint planning, and peer code reviews, driving continuous delivery and higher code quality.

## PROJECTS

### College Academic Website – Full Stack Cloud Deployment

05/2025

Tech Stack: MongoDB, Express.js, React.js, Node.js, Docker, Jenkins, AWS EC2, GitHub,

Nginx, PM2, CI/CD, Linux, SSH

- **Containerized** the complete MERN stack with **Docker**, guaranteeing environment parity and frictionless hand-offs.
- **Provisioned** auto-scaling infrastructure on **AWS EC2** via scripted **SSH** workflows, sustaining 99.9 percent uptime under production load.
- **Orchestrated** a full **CI/CD** pipeline (Jenkins + **GitHub Actions**), automating build, test, and deploy stages—slashing manual release effort by **90 percent**.
- **Configured** **Nginx** reverse proxy and **PM2** process manager, achieving load-balanced Node.js services and stable recovery on failure.

### Employee Task Manager System

04/2025

Tech Stack: Next.js, MongoDB, Tailwind CSS, JavaScript, HTML

- **Leveraged** **server-side rendering** and dynamic routing in **Next.js**, boosting first-contentful paint and organic search visibility by **30 percent**.
- **Crafted** an adaptive UI library in **Tailwind CSS**, enhancing mobile usability and trimming bounce rate **25 percent**.
- **Implemented** robust **CRUD** workflows with **MongoDB** and **Mongoose**, enabling real-time data persistence and zero-downtime updates.
- **Consolidated** API routes, authentication middleware, and caching layers, ensuring secure, scalable, and maintainable codebase growth.

## SKILLS

**Programming Languages:** C, C++, Java, JavaScript (ES6+), Python

**Web & Full-Stack Development:** HTML5, CSS3, Bootstrap, Tailwind CSS, JavaScript, React.js, Next.js, Node.js, Express.js, REST APIs, UI/UX Design

**DevOps & Cloud Technologies:** Linux, Shell Scripting, Git, GitHub, Docker, Kubernetes, Terraform, Jenkins, GitHub Actions, Nginx, PM2, AWS EC2, CI/CD, SSH

**Databases:** MongoDB, MySQL, NoSQL, Mongoose, SQL, PostgreSQL

**Tools & Platforms:** Visual Studio Code, Postman, Figma, Netlify, Vercel, Firebase, Git Bash

**Computer Science Concepts & Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, Software Engineering, Project Management, Database Management Systems, Design and Analysis of Algorithms, UNIX Shell Programming, Internet of Things (IoT), Data Visualization with Python

## CERTIFICATES

**Google Cloud Skill Badges:** Earned multiple badges through Google Cloud Qwiklabs, demonstrating proficiency in cloud infrastructure, cloud computing fundamentals, and hands-on lab environments.

**Docker Fundamentals Certificate:** Completed professional Docker course from IBM, covering containerization concepts, Docker architecture, and practical container deployment.

## AWARDS

### Department Topper Award

05/2025

Bangalore Institute of Technology

Recognized as the top-performing student in the department for **1st, 2nd, and 3rd academic years**, awarded consecutively for outstanding academic excellence and consistent high performance.