

# Pranav Sonawane

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## EDUCATION

### MIT Manipal

Udupi, KA

*Bachelor of Technology in Computer and Communication Engineering*

*Sept. 2022 – present*

- Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming (JAVA), Data Base Systems (SQL), Linear Algebra w/ Computational Applications (C), Data Communication, Network Protocols, Operating Systems

## PROJECTS

### LaundryLink | *PL-SQL, SQL, C#*

March 2024 – May 2024

- Created a comprehensive laundry management system with features for user authentication, order processing, and payment management using C# and Oracle Database
- Designed and implemented robust database schemas and PL/SQL procedures to manage entities like orders, providers, and payments, ensuring data integrity and efficiency.
- Implemented database triggers for automatic order status updates and auditing, enhancing system automation and reliability.
- Built responsive forms with data grids, combo boxes, and text boxes, enabling real-time data display and user-friendly interactions for seamless order management.

### Personal Portfolio Website | *HTML, CSS, JS, NodeJS*

December 2023 – Present

- Designed and developed a responsive personal portfolio website using HTML, CSS, JavaScript, and a backend framework (e.g., Node.js, Django), showcasing my skills, projects, and professional experiences.
- Implemented modern UI/UX principles to create an engaging user interface, including smooth navigation, interactive project showcases, and a responsive design that adapts to various devices and screen sizes.
- Deployed the portfolio website on a Github's hosting platform and configured custom domain settings for a professional web presence.
- Optimized the website for search engines (SEO) to enhance visibility and Google Analytics to track visitor interactions and gather insights for continuous improvement.

## EXPERIENCE

### Management Committee Member

June 2023 – Present

*Manipal Information Security Team*

*Manipal, KA*

- Conducted Capture The Flag (CTF) workshops, providing hands-on training for club members in cybersecurity challenges and fostering a competitive and learning-driven environment.
- Taught web development to club members, facilitating skill development sessions and guiding participants in building practical, real-world projects.
- Actively participated in strategic planning sessions, contributing innovative ideas and solutions to strengthen the overall security posture of the club and its activities.

### Student Volunteer

Sep. 2022 – Present

*NSS Manipal*

*Manipal, KA*

- Actively participated in beach cleaning initiatives and blood donation drives, demonstrating a commitment to community service and social responsibility within the National Service Scheme (NSS).

### Event Organizer

Jul 2023- Sept 2023

*Tech Tatva*

*Manipal, KA*

- Served as an essential member of the organizing committee for a noteworthy tech event, contributing to strategic planning, coordination, and the seamless execution of diverse activities to enhance participant engagement and overall event success

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, C# SQL, JavaScript, HTML/CSS

**Frameworks:** React, Node.js

**Developer Tools:** Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, MATLAB

**Libraries:** pandas, NumPy, Matplotlib