

# PRATHEEK RAO K B

Kasaragod, Kerala

**Phone:-** +91 8078724204

**E-Mail:-** [pratheekmulleria@gmail.com](mailto:pratheekmulleria@gmail.com)

**GitHub:-** <https://github.com/pratheekraokb>

**Portfolio:-** <https://pratheekraokb.netlify.app/>

**LinkedIn:-** <https://www.linkedin.com/in/pratheekraokb/>

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## Objective

- Passionate computer science engineering student pursuing a B.Tech degree in Computer Science. Completed coursework in Java, Python, C, and other programming languages. Committed to developing skills and experience in software development to become an effective software developer. Eager to connect with professionals and explore new opportunities in the technology industry.

## Education

### **B-TECH ENGINEERING | 2021-2025 | L B S COLLEGE OF ENGINEERING, KASARAGOD**

- Major: Computer Science & Engineering
- CGPA: 9.56 (Till S3)
- Major Subjects: Data Structures and Algorithms, Database Management Systems, Operating Systems
- Society Membership:
  - Institute of Electrical and Electronics Engineers, IEEE
  - Tinkerhub (Program Facilitator)

### **HIGHER SECONDARY EDUCATION | 2019-2021 | NAVAJEEVANA HIGHER SECONDARY SCHOOL, PERDLA**

- Stream: Science
- Overall Percentage/Grade: 98.91%, Full A+

### **SSLC | 2018-19 | GOVERNMENT VOCATIONAL HIGHER SECONDARY SCHOOL, MULLERIA**

- Overall Percentage/Grade: Full A+
- Extracurricular Activities:
  - Member of Mathematics Society, Science Society, and Computer Society
  - Web Designing Competition (Sasthrolsavam): Represented School at the District Level
  - IT Quiz Competition: Represented School at the Subdistrict Level
  - Srinivasan Ramanujan Mathematics Paper Presentation: Second Prize at the Subdistrict Level
  - Poem Magazine (Digital Book): Created and compiled a collection of poems in Kannada from multiple students, presented during the school assembly on Independence Day

## Skills & Abilities

### MANAGEMENT

- Effective project coordination and organization skills, ensuring smooth execution of tasks and projects.
- Strong ability to prioritize and manage multiple tasks simultaneously, meeting deadlines and targets.
- Good enough problem-solving skills, identifying and resolving issues efficiently.
- Good enough decision-making abilities, considering various factors to make informed choices.

### COMMUNICATION

- Excellent verbal and written communication skills, facilitating clear and effective information exchange.
- Strong presentation skills, delivering engaging and impactful presentations.
- Active listening skills, understanding and addressing customer or team member concerns.
- Adaptability in communication style to diverse audiences.

### LEADERSHIP

- Experience in leading and motivating teams to achieve shared goals.
- Strong interpersonal skills, fostering collaboration and teamwork.
- Effective decision-making, guiding teams towards successful outcomes.
- Proven ability to inspire and influence others, encouraging personal and professional growth.

### TECHNICAL SKILLS

- Programming Languages: Java, Python, C, C++
- Front-end Development: HTML, CSS, JavaScript, Bootstrap, Ajax, jQuery, React.js, Next.js
- Back-end Development: Django
- Data Structures: Arrays, Linked Lists, Stacks, Queues, Trees, Graphs, Hash Tables, Sorting Algorithms, Searching Algorithms
- Databases: SQLite, MySQL

## Experience

### 1) FULL-STACK DEVELOPER INTERN | HEXMOS (APPRENTICESHIP) | JANUARY 2022 – SEPTEMBER 2022

- Undertook a challenging full-stack project during the internship at Hexmos, a startup-like organization based in Bangalore.
- Developed a feature-rich poll website that allowed users to view, create, and vote on polls, with the ability to filter polls based on tags.
- Incorporated a pie diagrammatic view to visually represent the number and percentage of votes for each option, enhancing user understanding of poll results.
- Utilized a range of technologies including HTML, CSS, JavaScript, Django, jQuery, AJAX, and Python.
- **Documentation URL:** [Click Here Hexmos Poll Application](#)

## **2) FRONT-END DEVELOPER, TERANIS 23 TECH FEST (COLLEGE TECH FEST)| LBSCEK | MARCH 2023 – APRIL 2023**

- Played an important role in the front-end development team for Teranis 23, the college tech fest.
- Collaborated with the design team to transform concepts and wireframes into attractive and dynamic websites using React.js, HTML, CSS, and JavaScript.
- Implemented interactive features and animations to enhance user engagement and navigation.
- Developed reusable modular components using React.js, ensuring an efficient and scalable front-end architecture.
- Conducted thorough testing and debugging to ensure website functionality, efficiency, and responsiveness.
- Actively participated in team meetings, sharing ideas, providing feedback, and collaborating on problem-solving initiatives.
- Followed best practices and coding standards to deliver high-quality code and maintainable projects.
- **Documentation URL:** [Click Here Teranis'23 Frontend Website Development](#)

## **3) PROGRAM FACILITATOR – TINKERHUB| TINKERHUB - LBSCEK MARCH 2023 - PRESENT**

- Currently serving as a Program Facilitator at TinkerHub, our college's educational initiative.
- Responsible for overseeing and managing various educational programs and workshops focused on skill development and personal growth.
- Actively engage with participants, facilitating interactive learning experiences and fostering a conducive learning environment.
- Ensure the smooth execution of program activities, including scheduling, logistics, and resource management.
- Collaborate with the team to design and deliver impactful and engaging educational content.
- Provide guidance and support to participants, addressing their queries and helping them achieve their learning objectives.
- Continuously assess and evaluate program effectiveness, making necessary improvements for enhanced learning outcomes.

## **4) TECHNICAL FEST EVENT COORDINATOR – TERANIS'23| LBSCEK APRIL 2023**

- Organized and facilitated the CSS Engineering Challenge, a unique competition where participants showcased their HTML and CSS skills by recreating given designs.
- Created visually appealing designs in collaboration with the design team to be replicated by participants using HTML and CSS.
- Managed event logistics, including securing a suitable venue, arranging necessary equipment, and coordinating with technical support teams.
- Developed clear and concise guidelines for participants, outlining objectives, policies, and submission requirements.
- Implemented an efficient registration system to handle participant sign-ups and ensure a smooth and organized event process.
- Oversaw event proceedings, ensuring fairness, adherence to guidelines, and timely completion of the challenge.
- Coordinated a panel of judges to assess participants' submissions based on criteria such as accuracy, creativity, and adherence to the given designs.

- Organized an award ceremony to recognize and celebrate the top performers, providing valuable feedback and prizes.
- **Documentation URL:** [Click Here Teranis 23 Event Co-ordinator](#)

## Projects

### 1. E-COMMERCE WEBSITE DEVELOPMENT | SELF PROJECT | JULY 2022 – JULY 2023

- Developing an e-commerce website for a store using HTML, CSS, JavaScript, Django, and SQLite database.
- Implementing various features, including:
  - Home Page: Showcasing products categorized by categories.
  - User Login System: Multiple user login capability for clients and store owners.
  - Admin Settings: Backend functionality for store owners to manage the website.
  - Product View Page: Displaying detailed product information, customer comments, and reviews.
  - Cart Functionality: Allowing users to add multiple products to their cart and provide shipping details.
  - Autogenerated Bill: Generating a downloadable invoice with all necessary details upon order finalization.
  - Order Tracking: Enabling users to track the status of their orders.
  - Product Management: Allowing store owners to update existing products and add new products to the database.

### 2. KTU B.TECH CSE RESOURCE HUB | LBSCEK | JULY 2022 – JULY 2023

- The KTU B.Tech CSE Resource Hub project is a static website designed to assist KTU Engineering students in Kerala with easy access to lab cycle programs. The website is developed using HTML, CSS, and Bootstrap to provide a user-friendly interface and organized content.
- Key Features:
  - Code and Algorithm Downloads: The website allows students to download code and algorithms related to lab cycle programs.
  - Systematic Organization: The resources are arranged in a systematic manner, ensuring easy navigation and a comfortable user experience.
  - User-Friendly Interface: The website is designed to be intuitive and user-friendly, providing a seamless browsing experience for students.
- Through the KTU B.Tech CSE Resource Hub project, students can conveniently access the necessary resources for their lab cycle programs, enabling them to enhance their learning experience.
- **Project URL:** <https://codingwithpratheek.netlify.app/>

### 3. CHATGPT CLONE | SELF PROJECT | MAY 2023

- The ChatGPT Clone project involved developing a web-based chat application with AI integration, replicating the functionality of ChatGPT. The clone was created using MongoDB for the database, Open AI Playground for the AI model, and implemented with HTML, JavaScript, Flask, and Tailwind CSS for styling.
- Key Features:
  - AI-Powered Chat: The application integrated the ChatGPT model, allowing users to have interactive conversations with the AI.

- User Interface Design: Implemented an intuitive and visually appealing user interface using HTML, JavaScript, and Tailwind CSS.
- Database Management: Utilized MongoDB to store and manage chat data for seamless user experience and retrieval of chat history.
- Real-Time Chat Functionality: Implemented real-time messaging functionality to enable instant responses and fluid conversation flow.

## Certifications:

1. Programming in Java – NPTEL ([Click Here](#))
2. Problem Solving through Programming in C – NPTEL ([Click Here](#))
3. An Introduction to Programming through C++ - NPTEL ([Click Here](#))
4. SQL Essential Training – LinkedIn Learning ([Click Here](#))
5. JavaScript Algorithms & Data Structures – freeCodeCamp ([Click Here](#))
6. Data Science Foundations – Great Learning ([Click Here](#))
7. Linux Desktop Automation – Udemy ([Click Here](#))

## Achievements:

### **WINNER, RESUME WEBSITE BUILDING COMPETITION | MICROSOFT STUDENT AMBASSADOR | APRIL 2023**

- Issued by Microsoft Student Ambassador Program · Apr 2023
- Developed a resume website that demonstrated creativity, technical skills, and a user-friendly interface.
- Recognized for my achievement by the Microsoft Student Ambassador Program and awarded a LinkedIn Premium voucher.
- Leveraged the voucher to gain access to premium features on LinkedIn, enabling enhanced networking opportunities, expanded visibility, and access to valuable resources.
- **Resume Website Link:-** [Click Here Resume Website MLSM](#)
- **Documentation Link:-** [Click Here MLSM Resume Competition](#)

### **2ND PLACE, WEB PAGE DESIGNING COMPETITION - TERANIS 23| LBSCEK | APRIL 2023**

- Issued by Teranis'23 College Tech Fest · Apr 2023
- Demonstrated skills and creativity in designing an innovative web page for the competition.
- Developed a captivating signin/signup form with a seamless user experience, striking visual elements, and efficient functionality.