Roshan Kumar

Software Engineer | Frontend Developer
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Summary

- Aspiring Front-End Developer with a solid foundation in computer science.
- Experienced in HTML5, CSS3, JavaScript, Bootstrap.
- Proficient in Java, Python, C#, MySQL, NoSQL.
- Skilled in Responsive Design, Cross-Browser Compatibility.
- Experienced with version control using Git and GitHub.
- Familiar with development tools and platforms like VS Code, Visual Studio, Eclipse IDE.
- Strong understanding of DBMS, Data Structure, Android App Development, Node.js, Angular.js ASP.NET, Arduino.
- Proven ability to design and develop responsive, user-friendly web interfaces.
- Strong problem-solving skills and attention to detail.
- Passionate about contributing to innovative projects and growing within a dynamic development team.

Core Expertise

- Front-End Development: Proficient in HTML5, CSS3, JavaScript, Bootstrap.
- Responsive Web Design: Skilled in creating user-friendly and responsive web interfaces.
- Web Performance Optimization: Experience in optimizing websites for better performance and faster load times.
- Cross-Browser Compatibility: Ensuring consistent functionality across different web browsers.
- Version Control: Proficient in using Git and GitHub for version control and collaboration.
- Programming Languages: Strong foundation in Java, Python, and C#.
- Database Management: Experience with MySQL and NoSQL databases.
- Development Tools: Familiar with tools like VS Code, visual studio, eclipse IDE
- Full-Stack Development: Knowledge of back-end technologies ASP.NET.
- Embedded Systems: Experience with Arduino for integrating hardware with software solutions.
- Mobile App Development: Basic experience in Android app development.

Technologies

- **Storage/Database:** SQL Server, MySql
- **Scripting Language:** ASP .NET,C#, MVC,python,java
- **UI Scripting:** Javascript,Jquery,HTML,CSS,bootstrap
- **Reporting Tools:** Power BI, MS Excel
- **Operating System:** Windows
- **Repository:** GIT
- **Mobile Development**: Android App Development
- **Embedded Systems**: Arduino, Raspberry Pi

Professional Experience

Transcriptor
Marktics
January 2022 - June 2022

- Handled recording and transcription for Hinglish language.
- Worked on transcription using an online workbench application in Hindi and English.

Projects Worked On:

1. Project Name	**Smart Trolley**
Technologies	RFID, Arduino, C++, HTML, CSS
Description	The Smart Trolley with RFID Integration project aimed to revolutionize the traditional shopping experience by leveraging RFID technology. RFID tags were attached to products, and RFID readers were integrated into the shopping cart. This allowed seamless tracking of items in the cart, automated checkout, and personalized shopping experiences.
Responsibilities:	- Developed and integrated RFID readers with shopping carts - Conducted unit testing and debugging - Performed integration testing

2. Project Name	**GPS-based Advanced Vehicle Tracking System**
Technologies	GPS, Raspberry PI, Python, JavaScript, HTML, CSS
Description	The Advanced GPS-Based Vehicle Tracking System was a comprehensive solution designed to monitor and manage a fleet of vehicles efficiently. It leverages GPS technology, integrated with advanced software and hardware components, to provide real-time location data and route optimization.
Responsibilities:	- Analysed software and hardware requirements - Developed GPS tracking modules using Raspberry PI and Python - Implemented real-time data visualization using JavaScript - Conducted unit and integration testing - Optimized system performance and monitored real-time data - Visualizing real time location on website using HTML, CSS

3. Project Name	**Personal Portfolio Website**
Technologies	**Frontend:** HTML5, CSS3, JavaScript **Libraries & Frameworks:** W3.CSS for layout and styling, Font Awesome for icons, AOS for animations **Tools:** GitHub for version control and project hosting
Description	Developed a comprehensive personal portfolio website to showcase my skills, projects, and professional experiences. The website serves as an interactive resume,

	providing a detailed overview of my background and expertise in frontend development.
Responsibilities:	• **Responsive Design:** Ensured the website is fully responsive and optimized for various devices and screen sizes. • **Interactive User Interface:** Integrated animations and transitions using AOS (Animate on Scroll) library to enhance user engagement. • **Detailed Sections:** Included sections for personal information, skills, education, work experience, and personal projects, providing a complete professional profile. • **Social Media Integration:** Added links to my social media profiles (LinkedIn, GitHub, Instagram) for easy access to my online presence. • **Visual Appeal:** Utilized modern design principles and a clean, minimalistic layout to ensure an aesthetically pleasing user experience.

4. Project Name	**Operation Scheduler For Hospital Management**
Technologies	• **Frontend:** HTML, CSS (Bootstrap), JavaScript • **Backend:** Firebase Fire store • **Tools:** Visual Studio Code, Git, GitHub
Description	Developed a web-based hospital operation scheduler to streamline and optimize the scheduling of surgeries and medical procedures. The application allows hospital staff to view, add, edit, and delete doctor details and surgical information, ensuring efficient and error-free scheduling.
Responsibilities:	• **User Interface Design:** Designed an intuitive user interface for hospital staff to easily navigate and manage schedules, and users to see scheduled surgeries, and available doctors. • **Data Fetching and Display:** Implemented functions to fetch and display doctor and surgery information from Firebase Fire store. • **CRUD Operations:** Created features for adding, editing, updating, and deleting doctor details, patient details and surgery schedules. • **Responsive Design:** Ensured the application is fully responsive and works across various devices and screen sizes. • **Real-time Updates:** Utilized Firebase's real-time capabilities to ensure immediate reflection of data changes in the UI. • **Error Handling:** Implemented comprehensive error handling to manage and report issues related to data fetching and user inputs.

Educational Background:

BOARD/UNIVERSITY	COURSE	PERCENTAGE	Course Duration
ICSE, Board,Patna	XTH	79%	2018 – 2019
CBSE, Board,Patna	XIITH	69%	2020 - 2021

Presidency University,Bengaluru	B.tech CSE		2021 - Present

Personal Profile:

- **Date of Birth:**   6th May,2004
- **Gender:**   Male
- **Languages Known:**   English, Hindi,Bhojpuri.
- **Nationality:**   Indian
- **Personal Interest:**   Battle Royale Gaming, Bike ridding, Badminton.

- **Permanent Address:**   plot 563, govt. School road, 70 feet road pakri, patna-800002

Place: **Bengaluru**   **Signature**

                                                          (Roshan Kumar)

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