MAYANK SONI

Aspiring Software Engineer | BTech CSE @ IIITR | Problem-Solver & Innovator | Passionate About Coding & DSA

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Summary

Motivated and detail-oriented undergraduate student with a strong foundation in computer science and a passion for solving real-world problems through technology. Proficient in data structures, algorithms, and full-stack development, with hands-on experience in academic and personal projects. Eager to contribute to innovative teams and continuously learn and grow in a dynamic work environment.

Key Achievements

Video Production Success
Produced 15+ videos, enhancing engagement by 40% for college events.

Mess Management Efficiency
Optimized mess operations, improving service efficiency by 25%.

Portfolio Website Launch
Portfolio website achieved 1000+ views in first month.

Terminal App Success
Terminal app achieved 50+ active users within 2 weeks.

Experience

Indian Institute of Information Technology, Raichur   Location
Video team(PR)   09/2024 - Present

Company Description

- Collaborated with the PR team to conceptualize, script, and produce engaging video content for college events and promotional activities.
- Managed video editing and post-production processes, ensuring high-quality outputs aligned with the team's vision and branding goals.
- Contributed creative ideas and technical expertise to enhance storytelling and visual appeal, effectively representing the college on various platforms.
- Worked closely with team members to meet tight deadlines, showcasing strong teamwork and organizational skills.

Indian Institute of Information Technology, Raichur   Location
Mess committee Member   08/2024 - Present

Role: Member, Mess Committee

- Actively participated in managing and improving the operations of the college mess to ensure quality food and services for students.
- Collaborated with team members to address student feedback, optimize menu planning, and oversee hygiene standards.
- Assisted in coordinating between mess staff and students to maintain a smooth workflow and resolve any issues promptly.
- Gained valuable experience in teamwork, problem-solving, and decision-making in a dynamic environment.

Education

Indian Institute of Information Technology, Raichur
Bachelor of Technology - BTech, Computer Science   08/2024 - 08/2028

Projects

Personal Portfolio Website
03/2025 - 03/2025

Personal Portfolio Website — Designed for Impact and Innovation

Architected and developed a high-performance personal portfolio website to showcase my technical skills, creative projects, and professional journey in web development.
Focused on delivering a memorable first impression, the site merges modern design principles with optimized performance, providing an immersive, smooth user experience across all platforms.

Key Highlights:

User-Centric Design: Developed a clean, elegant, and minimalistic UI/UX, designed to keep users engaged and ensure intuitive navigation.

 Fully Responsive Architecture: Crafted with mobile-first principles using Flexbox, CSS Grid, and media queries to provide a flawless experience on all devices.

Performance-First Build: Achieved fast load times and minimal render-blocking with efficient HTML structure and lean CSS styling.

 Interactive and Dynamic Elements: Integrated subtle animations, project showcases, live demo links, and social profile integration for dynamic user interaction.

Scalable & Maintainable Codebase: Modular, well-organized vanilla JavaScript ensures easy future updates and feature expansions.

Optimized for Professional Branding: Tailored every section — About, Skills, Projects, and Contact — to build a strong personal brand presence online.

Technology Stack:
HTML5 | CSS3 (Flexbox, Grid, Animations) | Vanilla JavaScript (ES6+)

Live Preview:
🔗 https://mikeydebug.github.io/portfolio/
- What was a successful outcome of your work? (e.g. Raised $3,000 for the charity)

Terminal
02/2025 - 02/2025

Terminal Simulator Web Application

Designed and engineered a high-fidelity terminal simulation web app, delivering a realistic command-line experience entirely within the browser environment.
Built with a focus on performance, usability, and scalability, this project replicates the aesthetics and behavior of a real terminal using pure HTML, CSS, and JavaScript — no external libraries or frameworks.

Key Achievements:

Authentic Terminal UX: Developed a fully functional CLI simulator with a live input system, custom command handling, and real-time output rendering.

 Optimized Performance: Achieved instant command response times without reliance on heavy frameworks, ensuring lightweight and fast interaction.

 Pixel-Perfect UI: Crafted a visually accurate terminal interface with responsive design principles, maintaining consistency across all devices and screen sizes.

 Extensible Architecture: Implemented a modular JavaScript structure to easily add, update, or manage new terminal commands and features.

 Accessibility-Focused: Enhanced keyboard navigation and contrast settings to ensure a seamless experience for all users.

Technology Stack:
HTML5 | CSS3 (Flexbox/Grid) | Vanilla JavaScript (ES6+)
- What was a successful outcome of your work? (e.g. Raised $3,000 for the charity)

Projects

Bingo Box – Movie Streaming Website
Location
02/2025 - 02/2025

This movie website is built using HTML, CSS, and JavaScript, allowing users to explore a variety of movies and series. It features detailed descriptions, an interactive mood bot for personalized recommendations, and a responsive design for a seamless experience across devices.

Features
• Responsive Design – Adapts to all screen sizes.
•Movie Listings – Browse movies & series with details.
• Mood Bot – Get movie suggestions based on your mood.
• Dark/Light Mode – Switch themes for a better viewing experience.

Technologies Used
• HTML – Page structure.
• CSS – Styling & layout.
• JavaScript – Interactivity & dynamic content.
• Git & GitHub – Version control & collaboration.

Enjoy a seamless movie-watching experience with Bingo Box!
• What was a successful outcome of your work? (e.g. Raised $3,000 for the charity)

GPA Calculator Website
Location
01/2025 - 01/2025

GPA Calculator Web Application

Designed and developed a dynamic, responsive GPA Calculator using HTML, CSS, and JavaScript.
The application enables users to seamlessly calculate their Grade Point Average by entering multiple courses, grades, and credit hours with real-time results.

Highlights:

Dynamic form generation for multiple course entries

Real-time GPA calculation with instant feedback

Intuitive UI/UX for a seamless user experience

Built with clean, scalable, and vanilla (pure) JavaScript — no frameworks

Fully responsive and optimized for both desktop and mobile devices
Tech Stack:
HTML5
• What was a successful outcome of your work? (e.g. Raised $3,000 for the charity)

Skills

C++ · Python · Java · JavaScript · HTML · CSS · Node.js · MongoDB · Git · GitHub · VS Code · Linux · Data Structures & Algorithms · Object-Oriented Programming · Operating Systems · Computer Networks

Certification

Participant – HackWithIndia 2024 (Organized by Infosys)