Manoj S H

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Education

- **National Institute of Engineering, Mysore**   Mysore, India
  Bachelor of Engineering - Computer Science; GPA: 7.23/10.0   *2024*

Skills Summary

- **Languages**: C++, C, Python, JavaScript, HTML, CSS
- **Frameworks/Libraries**: React.js, Node.js, Express.js, Bootstrap, Rest full APIs, Authentication and Authorization, CI/CD Pipeline, Agile methodologies
- **Tools**: Unix and Shell Scripting, AWS, Firebase, MongoDB, Power BI, MySQL, Git, GitHub
- **Course work**: Data Structures, Algorithms, Operating System, Computer Networks, Data Mining, Database Management System, Object Oriented Programming.

Experience (Side Projects)

- **SHOPEASE: E-COMMERCE PLATFORM**

  Web Application   *2 months*
  - **Product Inventory:** Developed an E-commerce platform using Node.js, Express.js, and Firebase for seamless database transactions with AWS S3 services. Implemented dynamic features such as product search and related item display.
  - **Review And Cart System:** Engineered a comprehensive feedback system with user authentication using Node.js for backend development.
  - **Subscription Model:** Integrated Stripe payment system for smooth online transactions.
  - **Payment Gateway:** Managed integration of a secure payment gateway solution for uninterrupted financial transactions.

- **DAILY BLOGGING - ByteBlog**

  Web Application   *2 months*
  - **User Authentication and Profile Management:** Developed robust user authentication system allowing account creation, login, and profile management functionalities.
  - **Content Management System (CMS):** Designed and implemented an intuitive CMS interface enabling users to create, edit, and publish blog posts with multimedia content.
  - **Engagement Features:** Engineered interactive features including a commenting system for reader engagement, and social sharing buttons for easy content distribution across platforms.

- **CRIME TRACKING SYSTEM USING DBMS**

  Web Application + Power BI   *3 month*
  - **Integrating Database with PowerBI:** Led the development of a Crime Tracking System, harnessing the power of DBMS alongside intuitive data visualization with Power BI.
  - **User-friendly Interface:** Engineered a user-centric interface for streamlined analysis and interpretation of crime data, fostering efficient decision-making processes.
  - **Data Visualization:** Demonstrated expertise in data analysis, visualization techniques, and leveraging Power BI to drive insightful crime tracking solutions.

Certifications

- **The Complete 2023 Web Development Bootcamp:** is an extensive online course offering comprehensive training in web development, covering the latest technologies and techniques. (Udemy 2022)
- **The Complete Python Bootcamp:** is a comprehensive online course covering Python programming, suitable for beginners to advanced learners. (Udemy 2021)
- **NPTEL's "Introduction to Internet of Things":** an online course providing foundational knowledge and skills for understanding and working with IoT technologies. (Udemy 2022)
- **IBM Data Science Professional Certificate:** Online program teaching essential data science and machine learning skills through hands-on projects and real-world applications. (Coursera and IBM 2023)