PRASHANT KUMAR
B.Tech. - Electronics & Communication Engineering
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SRM INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

BRIEF SUMMARY

Enthusiastic and diligent B.Tech student specializing in Electronics and Communication Engineering (ECE) with a strong interest in web development. Possesses solid knowledge of electronics principles, circuit design, and communication systems, coupled with hands-on experience in front-end and back-end web development. Demonstrates excellent problem-solving abilities, a keen eye for detail, and a passion for continuous learning and innovation in both engineering and software development fields.

KEY EXPERTISE

Web development   Data analytics   Machine learning   full stack   Embedded system   communication system   c++

java

EDUCATION

SRM Institute of Science & Technology, Kattankulathur   2021 - 2025
B.Tech. - Electronics & Communication Engineering | CGPA: **9.17** / **10**

st. joseph senior secondary school, Muzaffarpur   2020
12th | CBSE | Percentage: **78.60** / **100**

North point children's school, Muzaffarpur   2018
10th | CISCE | Percentage: **82.40** / **100**

PROJECTS

Fully functional E-commerce

Key Skills: Authentication   API   Redux   MERN   Encryption   system design

Project Link: https://e-commerce-one-liart.vercel.app/

E-COMMERCE site with jwt passport authentication, admin panel for update delete or add product admin can change status of order, password encryption session based authentication based on the MERN STACK.

World happiness report

Key Skills: Python   data analytics   machine learning   tableu   data visualisation

Project Link: https://colab.research.google.com/drive/1ls-cnVw8YhZZ4-hziXOqe9W1XINI6mH7

Conducted a comprehensive analysis of the World Happiness Report, examining factors such as GDP, social support, and life expectancy to identify global happiness trends. Designed an interactive Tableau dashboard featuring global happiness maps, trend analysis, and factor comparisons. Developed a machine learning model to predict future happiness scores based on the historical data.

My portfolio website

Key Skills: javascript   HTML   CSS

Project Link: https://prashant-2204.github.io/prashant-portfolio/

Made a portfolio website and deployed it on GitHub pages

social-media react webApp

Key Skills: HTML   CSS   Javascript   react js   Node JS

Project Link: https://social-media-tan.vercel.app/

Created a dynamic social media project using React.js, leveraging the Context API and reducer tools for efficient state management. Key Features:Implemented global state management using useContext and reducers for streamlined data flow. Developed interactive user interfaces to enhance user engagement. Utilized React tools for efficient component-based development. Technologies Used: React.js, Context API, Reducer
Tools, API fetching

MERN-based IT Services Web App

Key Skills:

HTML   CSS   JAVASCRIPT   React JS   Node JS   Redux   MERN   Authentication   Encryption   mongoDB

Project Link: https://mern-webapp-phi.vercel.app

Developed a full-stack web application using the MERN stack (MongoDB, Express.js, React.js, Node.js), providing IT services. Key Features:Implemented user authentication with JSON Web Tokens (JWT) for secure user access. Integrated login/logout functionality for enhanced user experience.

Hashing of password and used Toastify for alert Utilized validators to ensure data integrity and security. Successfully deployed the application on Vercel, enhancing accessibility.

ACHIEVEMENTS

- 1st rank in quiz at geek-o-phillia seminar

ASSESSMENTS / CERTIFICATIONS

MongoDB with python

Key Skills: MongoDB   Python

Introduction to Embedded Machine Learning

Key Skills: Embedded C   Machine Learning

software engineering virtual experience

SEMINARS / TRAININGS / WORKSHOPS

DATA ANALYTICS AND ML WORKSHOP **Institute Name:** ASI-student chapter
Data Analytics and Machine Learning Workshop

Organized by the Analytical Society of India, Student Chapter

Participated in a comprehensive workshop focused on Data Analytics and Machine Learning. Gained hands-on experience with key tools and technologies such as Python, pandas, scikit-learn, and TensorFlow. Covered essential topics including data preprocessing, exploratory data analysis, feature engineering, and model building and evaluation. Enhanced understanding of practical applications of machine learning in various domains through real-world projects and collaborative group work.

Geek-o-phillia
Institute Name: GeeksforGeeks
1st rank in quiz competition at geek-o-phillia

code-on hackathon
Institute Name: IEM,IET
Code-On Hackathon (DSA)

Organized by the Institute of Engineering and Management (IEM) and the Institution of Engineering and Technology (IET)

Participated in a solo coding competition, the Code-On Hackathon, centered around Data Structures and Algorithms (DSA). Developed innovative solutions to complex algorithmic problems within a 24-hour timeframe. Demonstrated proficiency in DSA concepts and problem-solving skills. Successfully secured the 7th position out of numerous participants, showcasing strong individual performance and technical expertise in algorithmic problem-solving.

CO-CURRICULAR ACTIVITIES

- cricket
- chess

EXTRA CURRICULAR ACTIVITIES

- traveling

PERSONAL INTERESTS / HOBBIES

- cricket

WEB LINKS

- Github - https://github.com/prashant-2204
- Other - https://prashant-2204.github.io/prashant-portfolio/

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: T-308,abode valley,kakkan street, near SRM ktr,potheri ,kattankulathur, Chennai, Tamil Nadu, India - 603203

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Date of Birth: 22 Apr, 2002
Known Languages: English,Hindi
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