

NAVEEN KUMAR

B.Tech. in Computer Science & Engineering, 2025

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SUMMARY

Computer science graduate with a strong foundation in programming, algorithms, and software development. Proficient in Python, Java, C++, and MySQL, with experience in Database management system, data analysis, and web development. Passionate about AI and cybersecurity, eager to solve real-world challenges in a dynamic environment.

SKILLS

Programming Languages: Java, Python, C/C++, MySQL

Specialized Knowledge: Data Structures, Algorithms, Operating systems, Information Security

Technologies & Tools: SDLC Models, Machine Learning, Android Studio, Figma

Experience: Database management system, Software Testing, HTML/CSS Programing, App Development

PROJECTS

[Smart Home Energy Management System](#)

Jan 2024 - April 2024

Description:

Led software development for a system optimizing residential energy usage through automation and analytics.

Achievements:

- Completed Planning phase, constructed Data Flow Diagram, and prepared the Software Requirements Specification.
- The Software was developed by using Agile model.
- Implemented Machine Learning algorithms, reducing electricity costs by 15%, and integrated the system with energy-efficient devices.
- Deployed on Windows environments, ensuring robust performance and scalability.

CERTIFICATIONS

[AWS Certified Cloud Practitioner](#)

Aug 2023 - Dec 2023

[Google Cloud Digital Leader](#)

EDUCATION

- **Vellore Institute of Technology University** Aug 2021 - Present
 - B.Tech in Computer and Engineering, CGPA: 8.10/10
- **Aditya Vidyashram Residential School** April 2020 - July 2021
 - Completed CBSE 12th with 77.6%
- **The Study L'école Internationale** March 2018 - May 2019
 - Completed CBSE 10th with 62.6%

ADDITIONAL INFORMATION

- **Languages:** English, Tamil, French
- **College Activities**
 - [Scavengers Quest](#)
 - Webinar: "[Smart Microgrid and Sustainable Mobility](#)"