

# DINESH KUMAR C

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## EXECUTIVE SUMMARY

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Skilled in building scalable web applications using React, Node.js, and Tailwind CSS, with hands-on experience in developing data-driven dashboards and integrating analytics tools like Power BI. Experienced in enterprise digital transformation, collaborating with business stakeholders, UI designers, and developers to convert manual processes into efficient digital solutions. Strong foundation in Python, SQL, and machine learning, focused on delivering user-centric, data-driven applications.

## TECHNICAL SKILLS

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- **Languages:** Python, SQL.
- **Web Technologies:** HTML, CSS, ReactJS, NodeJS.
- **Data & Analytics:** Microsoft Excel (Advanced), Power BI.
- **Enterprise & Tools:** SAP, GitHub, Adobe XD, Figma

## EXPERIENCE

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- **Executive Trainee** Nov 2025 - Present  
*TVS Motor Company* Hosur, TN
  - Contributed to digital transformation initiatives by converting manual processes into scalable digital applications.
  - Collaborated with business stakeholders and cross-functional teams (UI, data, development) to design and implement solutions.
  - Managed SAP access, master data, and ensured SLA-driven system performance.
  - Built data reports and dashboards using Excel, and supported UI design and testing of enterprise applications to ensure quality and usability.

## PROJECTS

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- **Financial Intelligence Dashboard** May 2026  
*Power BI + Web App* Self Project
  - Built a full-stack financial analytics dashboard using React, Node.js, and Power BI Embedded with secure JWT-based authentication.
  - Developed a responsive UI with Tailwind CSS and integrated modules for salary tracking, investments, and stock portfolio analysis.
  - Delivered data-driven insights through interactive visualizations, enabling centralized financial tracking and better decision-making.
- **Parkinson's Disease Prediction using Machine Learning** Mar 2025  
*Machine Learning & Web App* VIT University
  - Developed an ML model using AdaBoost ensemble method for disease prediction.
  - Achieved 86.67% accuracy and 91.59% AUC-ROC performance.
  - Deployed as a web application using Flask and MERN stack for real-time predictions.

## EDUCATION

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- **Master of Computer Application** June 2023 – May 2025  
*Vellore Institute of Technology* CGPA - 8.43/10
- **Bachelor of Computer Application** Sept 2020 – May 2023  
*Vellore Institute of Technology* CGPA - 8.49/10

## CERTIFICATIONS

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**Fundamentals of Deep Learning** – NVIDIA (2024), **Work Smarter with Microsoft Excel** – Microsoft-Coursera (2024), **Foundational C# with Microsoft** – Microsoft-FreeCodeCamp (2024), **Machine Learning with Python** – IBM-Coursera (2023), **Networking Cardinals** – VIT (2023), **Python Programming** – VIT (2022)