# **DIVYANSHU KUMAR**

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# **SKILLS**

* **Languages:**  C, C++, Java, Javascript
* **Tools/Platforms:** MySQL, SQL Server
* **Soft Skills:**  Problem-Solving Skills, Project Management, Adaptability

# **PROJECTS**

**Farmer Support Platform** | Java , API, MySQL  May’ 2025

* Designed and developed a digital platform to support farmers with real-time agricultural guidance
* Provided services such as weather updates, crop recommendations, pest control tips, and market price information.
* Aimed to enhance productivity, sustainability, and informed decision-making among rural farmers.
* Learned real-time data-driven solutions using Java and APIs to support agriculture-based decision-making.

**Malaria Detection System |** Python, OpenCV, Machine Learning May’ 2025

* Preprocessed blood smear images using OpenCV, enhancing image quality and reducing noise by 40%.
* Developed a convolutional neural network (CNN) model for malaria parasite detection, achieving 92% accuracy.
* Built and deployed a web-based application with Flask and HTML, providing fast and user-friendly malaria diagnosis with an 88% user satisfaction score.
* Learned to preprocess medical images, build and deploy CNN models for accurate malaria detection using Python and Flask.

**Payroll Database** | SQL, MS SQL Server Nov’ 2024

* Develop a payroll database system to manage employee salaries, deductions, and payments efficiently.
* Used to store employee details.
* Calculate salaries based on working hours, tax deductions, and benefits.
* Generate payslips and maintain salary records.
* Learned to design relational databases and automate payroll processing using SQL and MS SQL Server.

# **CERTIFICATE**

* **Computer Communication and Network** Cisco network academy Feb’ 2024
* **Data Analysis Using Python** Cognitive Class by IBM Mar’ 2025
* **Google Data Analytics**  Coursera July’ 2025
* **Data Analysis Using Python** FreeCodeCamp July’ 2025

# **EDUCATION**

**Lovely Professional University** Jalandhar, Punjab Master’s of Computer Application Aug’ 2024-present

1. G.P.A: 6.29

**S.N.S.R.K.S, College** Saharsa,Bihar

Bachelor’s of Computer Application Sept’ 2020-Aug’ 2023

Percentage: 83.5%

**Eklavaya Central School** Sulindabad, Bihar

Intermediate in Science Mar’ 2018-Apr’ 2020

PCM, Percentage: 65%