

Ayush Kumar

B.E. in Information Science Engineering
BMS College of Engineering, Bangalore

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SUMMARY

Aspiring Information Science Engineer with a strong foundation in Python, machine learning, deep learning, and app development. Experienced in building data dashboards, predictive models, and Android applications. Passionate about solving real-world problems through innovative technology and analytical thinking.

EDUCATION

• B.M.S College of Engineering	2022 – 2026
<i>B.E. in Information Science Engineering</i>	CGPA: 8.14
• Chinmaya Vidyalaya Bokaro Steel City, CBSE	2021
<i>Class XII, CBSE</i>	90.8%
• De Nobili School, FRI, Dhanbad, ICSE	2019
<i>Class X, ICSE</i>	94.2%

UNIVERSITY PROJECTS

• Class Notes Sharing Website	March 2023
<i>Python, Flask, PostgreSQL, AWS S3, REST API</i>	
–Developed a web platform for students to upload and access class notes by subject and semester.	
–Built REST APIs with Flask ; stored metadata in PostgreSQL and files in AWS S3 .	
–Deployed on cloud infrastructure using AWS EC2 with 95% uptime.	
• Home Rental System	October 2023
<i>JavaScript, Node.js, MongoDB, Express, REST API</i>	
–Built a full-stack web app for listing, searching, and renting homes with real-time availability.	
–Implemented REST APIs using Express ; stored listings and user data in MongoDB .	
–Integrated secure login, booking, and review functionalities using Node.js .	
• IPL Match Predictor	October 2024
<i>Python, Scikit-learn, Pandas, Streamlit, Machine Learning</i>	
–Developed a machine learning model to predict IPL match outcomes based on team stats and historical data.	
–Used Scikit-learn for training and Pandas for data preprocessing; deployed with Streamlit .	
–Achieved 80% accuracy using models like Logistic Regression and Random Forest.	
• Financial Management Dashboard	December 2024
<i>React, Node.js, MongoDB, Chart.js, REST API</i>	
–Designed and built a dashboard to track income, expenses, and savings with visual analytics.	
–Created REST APIs with Node.js and stored transaction data in MongoDB .	
–Implemented dynamic charts and filtering using React and Chart.js for real-time insights.	
• Personal Task Management Dashboard	May, 2025
<i>React, Node.js, MongoDB, Express, REST API</i>	
–Created a dashboard for users to manage daily tasks with features like categorization, deadlines, and status tracking.	
–Built REST APIs using Express ; handled task storage and updates with MongoDB .	
–Designed a responsive frontend using React with drag-and-drop task reordering.	
• Virtual Closet Web & Android App	May, 2025
<i>Python, Flask, SQLite, Kotlin, Android, REST API</i>	
–Built a cross-platform virtual wardrobe application to help users organize, tag, and plan outfits digitally.	
–Developed the web app using Flask and SQLite , with REST APIs for managing clothing items and user data.	
–Created a similar native Android app using Kotlin , with offline storage and a simple interface for outfit planning.	
–Implemented smart outfit suggestions based on weather, occasion, and tags using rule-based logic.	

TECHNICAL SKILLS AND INTERESTS

Languages: Python, HTML/CSS, JavaScript, C/C++, SQL, Java, Kotlin

Developer Tools: Git, Firebase, Streamlit,

Frameworks: TensorFlow, Scikit-learn

Cloud/Databases: Docker, Firebase, MySQL, MongoDB

Soft Skills: Public Speaking, Teamwork, Problem Solving

Certificate & Training: Altair Rapidminer Certification (Altair), Selenium Web-Driver Certification (Infosys)

Areas of Interest: AI, Web Development, Mobile App Development