

KAVITHA

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EDUCATION

Degree/Certificate	Institute/Board	Percentage	Year
BCA	Bharathidasan University, Orathanadu	79%	2022–2025

SKILLS

- Methodologies & Concepts: Data Analytics, Visualization
- Technologies: Web Technologies
- Tools: SQL, Python, Databases, Google Sheets, Jupyter Notebook
- Areas of Interest: Data Analytics & Visualization, Data Engineering, Database Management
- Technical Knowledge: MS Excel, Basic Programming (Python, SQL)

PROJECT EXPERIENCE

Skills-First Hiring Platform — April 2025

- Developed a Student Performance Prediction and Course Recommendation System using Machine Learning, Python, Linear Regression, Data Analysis, and Visualization.
- Built a machine learning system to predict student exam scores and recommend suitable courses based on features like study hours, attendance, previous scores, and motivation level.
- Applied linear regression for prediction and handled both categorical and numerical data.
- Integrated a course recommendation module to support academic planning. Used visualizations (bar and pie charts) to identify performance trends.
- Helped students understand strengths, supported teachers in early intervention, and provided institutions with data-driven insights.

LEADERSHIP & ACHIEVEMENTS

- Elected College Representative – Acted as a bridge between students and faculty, coordinated events, and addressed student concerns.
- NSS Volunteer – Organized and participated in community service programs, including awareness campaigns, social drives, and volunteering initiatives.

EXTRA-CURRICULAR ACTIVITIES

- Participated in Hackathons/Competitions (Learning & Contribution)
- Open-source Contributions