

## K.Varshini

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### PROFESSIONAL SUMMARY

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Passionate data science student with proficiency in Artificial Intelligence, Machine Learning, and data analysis. My experience includes full stack web development and Python-based projects. Deeply interested in Machine Learning, NLP, DevOps, and AWS. Eager to leverage my knowledge and skills to drive innovation and solve real-world problems in cutting-edge technologies.

### WORK AND VOLUNTARY EXPERIENCE

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#### Cloud Support Engineer (L1) Intern

June 2023 - July 2023

Hostup Cloud Technologies Pvt. Ltd.

- Assisted with Level 1 cloud support operations, including monitoring services, resolving basic client issues, and documenting support activities to help maintain service reliability.

#### Frontend Developer (Part-time)

February 2024 - June 2024

Hostup Cloud Technologies Pvt. Ltd.

- Designed and developed responsive user interfaces, enhancing user experience and optimizing frontend performance.

#### Private Tutor (Part-time)

April 2020 - June 2021

ICSE (Class 10) — Computer Science

- Provided one-on-one tutoring sessions for a class 10 ICSE student in Computer Science, strengthening their understanding of key concepts and helping them perform well in exams.

### EDUCATION

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#### CHRIST (Deemed to be University) | Lavasa, Pune, India

Present

M.Sc. in Data Science

- Courses: Statistics, Mathematics, Python Programming, Full Stack Web Development, Java Programming, Machine Learning, Deep Learning, Power Bi, Regression Analysis.

#### Kristu Jayanti College (Autonomous) | Bengaluru, India

Aug 2021 - May 2024

B.C.A. in Data Analytics

- Gained a strong foundation in Python, Big Data, Data Warehouse, Data Mining, NLP, DevOps, and Statistics, alongside data analysis, database management, statistical methods, and programming fundamentals.

#### SSES Indp Resi PU College

June 2019 - July 2021

- PUC (Class 12) | PCMB

#### Shanthi Children High School

2019

- SSLC (Class 10)

### PROJECTS

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#### Life Expectancy Prediction Using Multiple Linear Regression

- Built a multiple linear regression model to predict life expectancy.
- Used health, economic, and demographic data as predictors.
- Analysed key factors affecting life expectancy.
- Evaluated model performance using standard metrics (like RMSE,  $R^2$ ).

## Campus Wash Point - Laundry Management System (Django) 2025

- Developed a Django website to automate college laundry operations.
- Implemented admin order tracking, user management, and email alerts for order readiness.
- Enforced weekly submission limits for users to streamline workloads.
- Managed CRUD operations and optimized the backend with Python and SQLite.

## EXTRACURRICULAR ACTIVITIES AND ACHIEVEMENTS

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- Secured 3rd prize while representing college in Kalarava, a state-level inter-collegiate cultural festival.
- Finalist in Hackaverse Hackathon at Christ University, Lavasa, Pune.
- Winner of college volleyball tournament, demonstrating strong teamwork and sportsmanship.
- Secured 1st position in Power BI course final project presentation.

## TECHNICAL SKILLS

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- Programming & Scripting: Python, HTML & CSS
- Data Analysis & Visualization: Power BI
- Database Management: SQL, MongoDB
- Web Development: Django
- Version Control & Collaboration: GitHub
- Machine Learning: Model building, data preprocessing, scikit-learn, etc.
- Productivity Tools: Microsoft Word, PowerPoint, Excel
- Developer Tools: VS Code

## SOFT SKILLS

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- Analytical Skills
- Adaptability
- Attention To Detail
- Problem Solving

## CERTIFICATIONS

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- Python for Data Science – Elite Badge, NPTEL (IIT Madras), 2023
- Process Mining Fundamentals – Celonis, 2022
- Introduction to MongoDB – MongoDB Inc., 2024

## LANGUAGES

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- English – Speak, Read, Write
- Kannada – Speak, Read, Write
- Hindi – Speak only
- Tamil – Speak only

## REFERENCES

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