

LALITH K

B.Tech Artificial Intelligence & Data Science Student

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CAREER OBJECTIVE

B.Tech Artificial Intelligence and Data Science student with hands-on experience in Machine Learning, Python, Data Analytics, and web application development. Built AI and full-stack projects involving traffic prediction and healthcare applications, with practical internship experience in web development. Seeking an entry-level opportunity to apply technical and problem-solving skills to real-world software and data-driven solutions.

EDUCATION

B.Tech, Artificial Intelligence & Data Science — Velalar College of Engineering and Technology 2024 – 2028
Higher Secondary (12th) — 36 GST Higher Secondary School, Sankarankovil 2016 – 2024
Percentage: 82% | SSLC (10th) Percentage: 77.4%

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, SQL
- **AI & Data Science:** Machine Learning, Data Analysis, Data Visualization, Predictive Modeling
- **Web Technologies:** HTML, CSS
- **Database:** MySQL
- **Tools & Platforms:** Git, GitHub, VS Code, Jupyter Notebook, Power BI, Excel

PROJECTS

TrafficMind AI — Traffic Congestion Prediction System | lalittrafficmindai.netlify.app

Machine Learning / Python / Data Analytics

- Developed an AI-based traffic prediction system for Tamil Nadu districts using Machine Learning models.
- Achieved 92.64% prediction accuracy through optimized models; built an interactive dashboard with traffic visualizations.

MediCare — Medical Doubt Solver Web Application | lalimedicare.netlify.app/

Java Full Stack Development

- Built a healthcare web application with OTP email-verified user authentication and dynamic, database-connected web pages.
- **Tech:** Java, JDBC, MySQL, HTML, CSS

INTERNSHIP EXPERIENCE

Web Development Intern — Crescent Infotech, Erode

Jun 2026 – Jul 2026

- Completed professional web development training and developed responsive web interfaces using HTML and CSS.
- Applied web development and debugging practices while working through website development tasks and workflows.

VIRTUAL INTERNSHIP

Web Development Virtual Intern — CodSoft

20 Jun 2026 – 20 Jul 2026

- Successfully completed a 4-week virtual internship program in Web Development at CodSoft.
- Worked on assigned web development tasks and projects, demonstrating practical skills and contributing throughout the internship.

CERTIFICATIONS

- NPTEL — Human Computer Interaction (Score: 91%)
- Google Cloud — Introduction to Generative AI
- Google Cloud — Data Science Program
- Business Analytics with Excel | Introduction to MS Excel
- MindFueldu — 2-Day Workshop on AI/ML, Velalar College of Engineering and Technology (Feb 2025)

ACHIEVEMENTS

- Achieved 91% in the NPTEL Human Computer Interaction certification examination.
- Achieved 92.64% prediction accuracy in the TrafficMind AI traffic congestion prediction project.