

# ANKIT KUMAR SINGH

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## Education

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### Laxmi Public School

SSC (10th) – 80.4%

Jun 2016 – Jun 2018

### Sunbeam School Mughalsarai

HSC (12th) – 76.2%

Jun 2018 – Jun 2020

### Vellore Institute Of Technology

◦ CGPA: 8.20

◦ **Coursework:** Integrated MTech with Specialization in AI & ML

Jul 2021 – Jul 2026

## Work Experience

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### Full-Stack Developer (MERN) — Externship *SmartInternz* [Certificate](#)

Feb 2025 – Apr 2025

- Completed a 10-week MERN stack externship with an overall score of **87.05%**, mastering HTML5, CSS3, JavaScript ES6, React.js, Node.js, Express.js, and MongoDB through 15+ structured assignments
- Developed **StockSense**, a full-stack stock trading platform with JWT authentication, RESTful APIs, MongoDB, Redux, and real-time data visualization
- Practiced Agile workflows and Git/GitHub version control, optimized backend performance, and deployed the application to Vercel for production

## Skills

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**Technical Skills:** Java, JavaScript, Python, SQL, HTML, CSS

**Frameworks and Technologies:** React.js, Node.js, Express.js, Bootstrap


**Database and Developer Tools:** MySQL, MongoDB, Git, GitHub, Postman, Vercel, VS Code

**Areas of Interest:** Software Development, Web Development, Artificial Intelligence, Machine Learning

**Soft Skills:** Technical Writing, Responsive to Evolving Situations, Collaboration & Teamwork, Project Planning, Communication, Source Checking, Report Writing, Analytic Thinking

## Certifications

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- Applied Machine Learning in Python [Certificate](#) 

## Projects

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### IPL Win Predictor [Python, Beautiful Soup, Machine Learning]

[GitHub](#) 

- Developed a Machine Learning model using Logistic Regression with 85% accuracy to predict the team's winning probability after each ball
- Scraped real-time cricket data from Cricbuzz using Beautiful Soup and applied data analysis techniques
- Processed and analyzed match data to enhance predictive insights for cricket outcome forecasting

### Mental Health Illness Predictor [Python, Machine Learning]

[GitHub](#) 

- Developed a Machine Learning model with 88.96% accuracy to predict whether a working official requires mental illness treatment
- Applied data preprocessing and feature engineering to enhance model performance

### AI-Driven Optimization of 5G Resource Allocation [Python, Machine Learning, HTML, CSS, Flask]

[GitHub](#) 

- Successfully built a model to predict the percentage of resource allocation with an accuracy of 87.46%
- Developed a Machine Learning model to optimize resource allocation and improve network efficiency, then deployed it using the Flask framework