

AKHIL PRAVEEN

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SUMMARY

Aspiring software developer with a strong foundation in Java, Python, Data Structures, and Algorithms. Passionate about designing and developing efficient solutions to complex problems. Experienced in creating innovative tools and applications that enhance user experience and streamline processes. Adept at working collaboratively in teams and continuously improving technical skills to stay ahead in the dynamic field of software development.

EDUCATION

B.Tech in Computer Science & Engineering	Score: 71.4%	2021 - 2025
College of Engineering, Perumon		

SKILLS

Languages & technologies	Java, JavaScript, Python, C, HTML, CSS, React, SQL, ML, Flask, GIT
Libraries & Tools	Pandas, NumPy, VS Code, PyCharm
Development Practices	OOP, DSA, SDLC
Soft Skills	Leadership, Decision making, Critical Thinking, Creativity , Problem Solving

PROJECTS

Movie Finder Web Application	Aug 2025
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- Built a responsive movie search app using React and integrated it with TMDB API for real-time data.
- Implemented components, hooks, and state management in React.
- Technologies: React, JavaScript, TMDB API, CSS, Vercel.

F.L.O.O.D.S.A.F.E – Flood Prediction & Detection System	Aug 2024 – Apr 2025
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- Designed a web system for flood prediction (Gaussian Naïve Bayes) and flood detection (VGG16 CNN with satellite imagery).
- Integrated real-time weather data APIs and NDWI-based water index comparison for improved detection.
- Technologies: Python, Flask, Machine Learning, HTML, CSS, JavaScript, TensorFlow, SQLite, Twilio,

Real Estate Price Prediction Model	Jan 2025
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- Developed a machine learning model to predict real estate prices with 85% accuracy.
- Deployed the model using a Flask server with a user-friendly web interface for seamless interaction.
- Technologies Used: Python, Flask, Machine Learning, HTML, CSS, JavaScript.

Advyka Tech Fest Website	April 2024 - May 2024
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- Designed the official website for the annual tech fest, streamlining event registrations.
- Technologies: HTML, CSS, JavaScript.

CERTIFICATIONS

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| • Artificial Intelligence with Python - Techmaghi | October 2024 |
| • NPTEL: The Joy of Computing Using Python – | Grade: 79%
November 2023 |
| • Hack with Cep - Hackathon | July 2024 |

EXTRA-CURRICULAR ACTIVITIES

- Event Coordination: Gaming event, Quiz
- Passive Member of CSI SB CEP (Computer Society of India)

INTERESTS

- Open-source Contribution
- Tech Blogging & Gaming