

# Aman Mukati

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## Education

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Indian Institute of Information Technology Pune | Pune, Maharashtra  
Bachelor's Of Technology | 05/2024  
Computer Science & Engineering

CGPA : 7.50

## Skills

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- **Programming Languages** : C++, Java, Python, Javascript
- **Tools/ Technologies** : MongoDB, MySQL, OracleDB, NumPy, Pandas, HTML, CSS, Bootstrap, Express.js, React.js, Next.js, Node.js, Tailwindcss, Postman, Rapid API, Wordpress, Git, Clerk, Blender, Figma, Unreal Engine

## Projects

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### EcoEscape : Climate Change Escape Game

- Designed and developed an educational game to raise awareness about climate change.
- Incorporated interactive tasks for enhanced gameplay experience.
- Utilized Unreal Engine & Blender for game development.
- Project Files : [Click Here](#)
- Game : [Download](#)

### Weather Forecast & Crop Prediction

- Processed datasets from various sources for accurate weather forecasting and crop prediction.
- Utilized machine learning models including Regression, Random Forest, SVM, Gradient Boosting, and LSTM.
- Overcame challenges by manually compiling crop data to enhance predictions.
- Aim to provide accurate weather forecasts and suggest optimal crops based on weather conditions.
- Files : [Click Here](#)

### Home Automation

- Developed innovative home automation system with NodeMCU ESP8266, enabling remote control of appliances via mobile devices and voice assistants.
- Integrated Blynk Mobile App and Google Home for intuitive user interfaces and energy-efficient management.
- Designed customized automation scenarios for optimal appliance usage.
- Showcased expertise in IoT hardware integration and coding for embedded systems.
- Project Files : [Click here](#)

## Links

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[Github](#), [Linkedin](#), [Photography](#), [Leetcode](#), [Vercel](#)