

# V.M.AKASH

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## ABOUT ME

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Enthusiastic and detail-oriented Computer Science student with a passion for machine learning, software development, and emerging technologies. Eager to apply academic knowledge to real-world challenges and continuously learn in a dynamic work environment.

## Education

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**JSS Academy of Technical Education** BE in Computer Science and Engineering 10/2022 – Present  
CGPA: 7.90 (Till 5th semester)

## Skills:

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**Programming Languages:** Java, Python, C

**Web Development:** HTML,CSS,React.js

**Databases:** MongoDB, SQL

**Styling Frameworks:** Bootstrap, Tailwind CSS

**Tools Platforms:** Git, Linux

## Projects

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### FundVerify – Public Fund Management System

- Developed a decentralized platform for transparent and traceable government fund allocation using blockchain technology.
- Integrated Ethereum smart contracts to automate fund disbursement based on project milestones and authorization rules.
- Enabled real-time tracking and public visibility of transactions through a Web3-based dashboard.
- Implemented AI modules for anomaly detection, automated auditing, and predictive fund misuse alerts.
- **Tech Stack:** Solidity, Ethereum, React.js, Node.js, Express.js, MongoDB, Web3.js, MetaMask, IPFS, Python (Scikit-learn)

### Smart House Design Evaluator

- Developed a static website for evaluating basic house design layouts using core web technologies.
- Created interactive forms with JavaScript validation for users to input site dimensions and preferences.
- Implemented a design scoring system that evaluates layouts based on simple metrics.
- Built responsive comparison tables to display different house plan options side-by-side.
- Designed clean UI templates for different architectural styles using CSS Grid and Flexbox.
- **Tech Stack:** HTML, CSS, JavaScript, Git

## Certifications

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- Python (Basic) – HackerRank
- What Is Generative AI – LinkedIn Learning
- Software Project Management Training (PMP) – Infosys Spring Board
- Linux for Beginners: Practical Command Line Mastery
- Startergy Formulation and Data Visualization" course by IIT Madras
- Data Structure and Algorithm in C and C++ - Udemy