

Guna Surya Kumar Katakam

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Objective

Motivated Computer Science and Business Systems student seeking opportunities in software engineering, data analysis, Cyber and AI Passionate about building innovative solutions and eager to contribute to impactful projects while continuously learning and growing professionally.

Technical Skills

- **Programming Language :** Python, OOPs Concepts, Libraries : NumPy, Pandas, Matplotlib, Seaborn.
 - **Tools :** GitHub, MS Office, Power BI, Stream lit.
 - **Technologies :** SQL, NoSQL, Git Version Control, Postman API, Artificial Intelligence.
 - **Web Technologies :** HTML, CSS, Bootstrap, Tailwind, Angular, Figma.
 - **Soft Skills :** Communication, Flexibility, Adaptability, Collaboration.

Education

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| • B.Tech in Computer Science and Business Systems Vishnu Institute of Technology | (CGPA: 8.69/10) | 2022 - 2025 |
| • Diploma in Computer Engineering Smt. B. Seetha Polytechnic | (CGPA: 8.0/10) | 2019 - 2022 |
| • Secondary School of Education SNS MPL High School | (CGPA: 9.0/10) | 2018 - 2019 |

Work Experience

- Infosys Spring Board: Angular Web Development Intern

Mar 2024 - June 2024
- Developed and tested features for SpendWise Smart Expense Management using Angular & Spring Boot
 - Collaborated on UI/UX enhancements with Tailwind CSS and improved API integration via Postman
 - Worked with Git & GitHub for version control and CI/CD workflow

Projects

- Password Strength Analyser and Customized Password Generator**
 - Problem: Cybersecurity concerns such as password cracking issues for the user.
 - A password analyses that evaluates password strength by scaling entropy, dictionary strength, leaked or not and over all strength.
- SpendWise Smart Expense Management**
 - Problem: Difficulty in tracking and managing daily expenses effectively.
 - Key Feature: Tracks expenses by category and provides visual analytics for smarter financial decisions.
- FinEx-Insight: Structured Extraction and Analysis of Financial Statements via LLM**
 - Problem: Financial PDF documents are lengthy and challenging for users to analyse efficiently, making it difficult for analysts to extract key insights.
 - Developed an automated system that assists analysts and users in extracting and summarizing financial data from unstructured PDFs by advanced PDF parsing techniques and Large Language Models

Certifications

- Certificate of Introduction to Front-End Development from Coursera.
 - Certificate in Mastering Figma: Beginner to Expert UI/UX Design by Guvi.
 - Certificate of Agile software development from Infosys Springboard.
 - Certification in SQL, No SQL and Relational Database Fundamentals by IBM.
 - Certification in starting your career with AWS Cloud by AWS with EDX.
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