

MURALI PAILA

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EDUCATION

Gayatri Vidya Parishad College of Engineering(A) (Visakhapatnam, India).

June 2022 – Present

B. Tech in Information Technology

- CGPA: 8.39/10 (5 semesters)
- Relevant Coursework: Machine Learning, Data Structures, DBMS, Operating Systems, Computer Networks, Cryptography, Computer Architecture, Software Engineering, Web Development, Object Oriented Programming.

EXPERIENCE

Technical Lead, Open Forge (GVPCE) (India, Remote)

October 2024 – Present

- Led development teams to drive technical excellence, ensuring efficient project execution and successful product delivery.
- Spearheaded innovative software solutions, leveraging expertise in team leadership, project management, and cutting-edge technologies.

Cybersecurity Lead, GDSC (GVPCE) (Visakhapatnam, Remote)

November 2024 – Present

- Conducted interactive sessions on Cybersecurity and Blockchain, effectively breaking down the complex concepts into simplified, actionable insights for diverse audiences.
- Mentored students by offering hands-on guidance and practical demonstrations, fostering a deeper understanding of cutting-edge cyber-technologies and their real-world applications.

Intern, Infosys Springboard (India, Remote)

February 2025 – Present

- Developed a Bank check automation system using Python and Streamlit, streamlining the check processing workflow.
- Engineered a pipeline to capture check images, extract text using OCR, and store the extracted data in a database for seamless record management.
- Enhanced banking automation efficiency by reducing manual data entry and improving accuracy through AI-powered text recognition.

PROJECTS

Technologies: Mern stack

- **Event Rsvp:** A full-stack event management platform with authentication, event creation, and RSVP functionality using React.js, Node.js, and MongoDB. Implemented JWT-based authentication and dynamic event updates.
- **Counseling Forms:** A MERN stack-based platform for digitizing college-issued counseling forms. Enables students to enter and manage their previous semester marks efficiently. Features authentication, form validation, and secure data storage using React.js, Node.js, Express, and MongoDB.

Technologies: Python, Streamlit, Gemini API

- **Ask Me AI Chatbot:** Developed an AI-powered chatbot using Python, Streamlit, and the Gemini API. Allows users to upload PDFs, train the chatbot on document content, and ask context-specific questions, receiving accurate responses based on the uploaded file.
- **CheckMate:** Built an AI-powered application using Python, Streamlit, and the Gemini API to extract key details from bank cheque PDFs. The system detects, trims, and processes cheque images, applies OCR for text extraction, and stores the data in a database, enhancing cheque validation efficiency for banks.

CERTIFICATIONS

- **Deep learning applications for smart cities** | NIT Rourkela
- **GSSOC** | GirlScript.Tech
- **Foundations of Cybersecurity** | Coursera
- **Python Stack** | Infosys Springboard
- **Java Stack** | Infosys Springboard
- **API Fundamentals** | Postman
- **Google AIML & Google Android** | AICTE

SKILLS

- **Languages:** Python, C/C++, Java, HTML5, CSS3, JavaScript, TypeScript.
- **Libraries:** NumPy, Pandas, TensorFlow, React.
- **Frameworks:** Django, Flask, Node.js, Express.js, Next.js.
- **Tools & Platforms:** GitHub, Git, Netlify, Vercel, Jupyter Notebook, VS Code, Android Studio, Google Colab, Figma, Blender, Cisco Packet Tracer, SmartDraw.
- **Database:** MySQL, MongoDB, PostgreSQL, SQLite.

ACHIEVEMENTS

- Secured **2nd place** in the **DTI Ideathon** at my college for developing an innovative solution, showcasing problem-solving and ideation skills.
- Runner-up in a **college-level hackathon**, demonstrating expertise in coding, teamwork, and rapid prototyping under time constraints.