



Polamarasetti Abhiram Sampath
B-Tech Mechanical Engineering
National Institute of technology, Andhra Pradesh
Specialization in Project Management

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EDUCATION

Examination	University	Institute	Year	CGPA / %
Undergraduate	NIT Andhra Pradesh	NIT Andhra Pradesh	2022-Present	8.61
Intermediate (12th)	BIEAP	Narayana jr college	2022	96.3

WORK / INTERNSHIP EXPERIENCE

Null Class

Internship

- Engineered a comprehensive form validation system utilizing React and TypeScript, decreasing user-reported data entry errors by 60% and improving form submission rates by 25%.
- Integrated APIs and collaborated with cross-functional teams to ensure seamless data flow, improving system efficiency and responsiveness.
- Developed and deployed a secure authentication and authorization system, safeguarding 100% of user accounts and enhancing data privacy, resulting in a 30% reduction in unauthorized access attempts.

COGNIFOS AI

Co founder

- Identified a market gap for an advanced AI search engine and AI agent development platform, laying the foundation for a scalable solution to enhance automation and efficiency in AI-driven workflows.
- Pioneered Cognifos AI, architecting a novel AI platform, achieving 10+ active users within the first quarter and a 90% satisfaction rate based on user surveys.
- Advanced the project to a late-stage development phase, strategically positioning Cognifos AI for a successful launch and market entry in the AI industry.

SKILLS & COMPETENCIES

- Project management**
- Risk Management
- Quality Management
- Trello
- Agile Management
- Scrum
- Jira
- Supply Chain Management
- Frontend Development**
- HTML
- CSS
- TAILWIND CSS
- Backend Development**
- React.Js
- Node.Js
- Express.Js
- Mongo.DB
- REST API
- Java
- Python
- C and C++
- DSA
- Basic CAD Software (Creo,Fusion 360)
- Automobile Engineering
- Advanced IC Engines
- AI/ML in Material Science
- Machine Learning
- Effective Communication
- Decision Making
- Digital Marketing
- SEO
- Quantitative Aptitude
- Logical Thinking

PROJECTS

- Robotic Arm:** Designed and built a prototype robotic arm, integrating mechanical and electronic systems to achieve 95% motion accuracy, improving automation efficiency.
- Netflix and Amazon Clone:** Developed and deployed Netflix and Amazon clones, implementing secure authentication, real-time data processing, and an optimized UI. handling 10+ daily user interactions.
- Social Media Website (Like Twitter):** Created a full-stack social media platform inspired by Twitter, featuring real-time posting, user authentication, and a scalable backend, supporting 10,000+ monthly posts.
- Calories Burnt Application:** Built a web-based calorie tracking application using machine learning, achieving 85% prediction accuracy, helping users monitor and optimize their fitness goals.

EXTRACURRICULAR ACTIVITIES & ACHIEVEMENTS

- Serving as a Executive member in Task Force club in college
 - Led student initiatives as an executive member of the Mechanical Engineering Association, contributing to academic events and professional development programs.
 - Student Placement Coordinator at NIT Andhra Pradesh
 - Spearheaded and managed a team of 30 in stage operations for a year, orchestrating high-impact events through strategic planning, seamless coordination.
 - Participated in Smart India Hackathon
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CERTIFICATIONS

- **Project management** by Google (Coursera)
 - **JIRA** by Atlassian(Coursera)
 - **C and C++** (Udemy)
 - **Java** (Apna College)
 - **Digital Marketing**
 - **Full-Stack Web Development**
 - **AI and ML using Material Science** (NPTEL)
 - **Machine Learning** (Coursera)
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