

UMA SHANKAR TIPPANA

Portfolio — LinkedIn

Koti Complex, Ichchapuram, Srikakulam Dist - 532312

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PROFESSIONAL SUMMARY

Electrical and Electronics Engineering graduate with hands-on experience in industrial automation, PLC programming, embedded systems, and full-stack web development. Strong in troubleshooting, maintenance, and data visualization using Power BI. Certified in Fusion 360, Salesforce, and Embedded Systems. Proven leadership as Shift Lead Intern at Amara Raja Battery Ltd.

EDUCATION

KL University , B.Tech in Electrical and Electronics Engineering CGPA: 8.85	2023 – 2026
Aitam College , Diploma in EEE CGPA: 8.70	2019 – 2022
Swarna Bharathi High School , SSC CGPA: 8.8	2018

TECHNICAL SKILLS

Languages: Python, C, SQL, JavaScript
Web Development: HTML, CSS, JavaScript
Automation: PLC (Siemens, Allen-Bradley), SCADA, Embedded Systems, Industrial Maintenance
Simulation: Autodesk Fusion 360, CATIA, MATLAB
Tools: Power BI, VS Code, GitHub

EXPERIENCE & PROJECTS

Shift Lead Intern – Electrical & Mechanical - Led production shift teams; handled preventive maintenance and PLC programming. - Ensured minimal downtime through effective fault diagnostics.	<i>Amara Raja Battery Ltd — 8 Months</i>
PLC-Based Bulb Automation - Programmed ladder logic for bulb control using a PLC system.	[Linkdin]
Power BI Analytics Dashboard - Built Power BI dashboards with Python-based data automation.	[Linkdin]
EEE Technical Fest Website - Designed a responsive event site with HTML, CSS, JavaScript.	[GitHub]
Fusion 360 Mechanical Design - Modeled 3D mechanical parts and assemblies using Fusion 360.	[GitHub]

CERTIFICATIONS

Autodesk – Fusion 360 Design & Simulation	[View Certificate]
Embedded System & IoT Programming	[View Certificate]
Salesforce Certified Administrator	[View Certificate]

LANGUAGES

Telugu (Native), Hindi (Fluent), English (Fluent), Oriya (Conversational)