

ALLU TEJA SWAROOP

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EDUCATION

National Institute of Technology, Kurukshetra <i>Bachelor of Technology in Computer Science Engineering</i>	2020 – 2024 <i>GPA: 8.0/10</i>
Sasi Junior College, Andhra Pradesh <i>Intermediate Education</i>	2018 – 2020 <i>Marks: 956/1000 (95.6%)</i>

EXPERIENCE

Dugong Global Services, Hyderabad <i>Blockchain Developer</i>	Aug 2024 – Present
Contributed to core components of Dharitri, an unreleased sharded Proof-of-Stake blockchain inspired by MultiversX and NEAR (GitHub: https://github.com/TerraDharitri).	
Developed validator rotation and transaction execution logic in Go to support blockchain scalability.	
Designed Rust-based smart contracts for staking and governance, compiled to WASM for cross-shard compatibility.	
Built Python-based CLI tools to interact with the blockchain and assisted in TypeScript dApp testing.	
Collaborated with frontend teams to validate wallet and dApp flows on testnet.	
Averlon Technologies <i>Software Engineering Intern</i>	Jan 2023 – Jun 2023
Developed rules to detect AWS misconfigurations using Rego and Golang, supporting services like EC2, IAM, and Lambda.	
Contributed to internal Git repositories to enhance security automation processes.	
Skills: Go, Rego, AWS, Docker, Git	

PROJECTS

AI-Driven Stock Prediction System	2023
Wezenite Technologies – AI/ML Intern	
Built a web application for stock market predictions using machine learning models with Python and Scikit-learn . Integrated AWS and MongoDB for data processing and storage.	
Tech Stack: Python, Scikit-learn, React.js, Node.js, AWS, MongoDB	
Cross-Domain Recommendation System	2022
Built a recommendation engine to suggest music based on book preferences, analyzing cross-domain data (GitHub: https://github.com/Teja78906/cross-domain-recommender).	
Dharitri.org Website – Blockchain Platform Portal	2024
Designed UI/UX with Figma and built frontend using Tailwind CSS and Next.js for the unreleased Dharitri blockchain portal.	
Developed Python backend with AWS integration for secure and scalable deployment.	
Implemented features including ecosystem overview, validator onboarding, and wallet integration support.	
Log Analysis Using Splunk	2023
Configured Splunk dashboards and inputs for real-time security and infrastructure monitoring.	
Designed custom SPL queries and alerts to detect anomalies.	

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, JavaScript, Go, Rust

Web Development: HTML5, CSS3, React.js, Node.js, MongoDB, MySQL

Blockchain: Smart Contracts (Rust/WASM), dApp Development, Proof-of-Stake Protocols, Sharded Architecture

Cybersecurity: Penetration Testing, Malware Analysis, Splunk, Rego, Bash, PowerShell

DevOps & Tools: Git, Docker, Jenkins, AWS, Jira