

Paravada Sivasai

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Career Objective

Aspiring full-stack developer with hands-on experience in web applications, data science, and cloud technologies. Skilled at designing scalable architectures, implementing RESTful APIs, and applying SDLC practices to deliver measurable results in production-ready projects.

Education

Anil Neerukonda Institute of Technology and Sciences

B.Tech, Computer Science Engineering (Data Science)

2022 – 2026

CGPA: 8.37/10

Relevant coursework: MySQL, Data Analysis, Data Structures, Python, Web Development

Work Experience

Full Stack Web Developer Intern, Edumoon — Visakhapatnam

May 2024 – Jul 2024

- Developed responsive interfaces (HTML, CSS, JavaScript), improving page load speed by 20%.
- Built and optimized backend services with Node.js, Express, and MongoDB, reducing API latency by 15%.
- Collaborated in Agile sprints and delivered 100% of assigned milestones on schedule.

Projects

Sleep Tracker Web Application

Vue.js, Node.js, Express, MongoDB

- Built full-stack sleep tracker with secure authentication and RESTful APIs.
- Improved data integrity using Mongoose schemas; reduced entry errors by 30%.
- Optimized client-server flows with Axios, CORS, and Vue Router for stable sessions.

AWS DevOps — Data Backup & Archival (APSSDC)

AWS S3, Glacier, CloudWatch, CloudTrail, SNS

- Automated backup and archival workflows using S3/Glacier and lifecycle policies, lowering storage costs by 40%.
- Implemented CloudTrail logging, CloudWatch monitoring and SNS alerts; improved incident response by 35%.
- Delivered a scalable, no-code backup workflow via AWS Management Console for compliance.

Car Sales Dashboard

Tableau, Python, Kaggle dataset

- Built interactive dashboards analyzing 10k+ sales records across 12 categories.
- Performed ETL and transformation to reduce processing time by 25%; created actionable visual insights.

Fashion E-commerce Website (Edumoon)

HTML, CSS, JavaScript, Node.js, Express, MongoDB

- Developed full-stack e-commerce platform with authentication, listings, and shopping cart.
- Improved user engagement by 20% through UI refinements and smoother checkout flows.

Technical Skills

Programming: Java, Python, JavaScript

Frontend: React, HTML, CSS, JavaScript

Backend: Node.js, Express.js

Databases: MySQL, MongoDB

Cloud & DevOps: AWS (S3, Glacier, CloudWatch, CloudTrail, SNS)

Data & Visualization: Tableau, Power BI, MS Excel

Other: Web architecture, Project management, SDLC practices

Extra-Curricular & Achievements

- Qualified for SIH Internal Hackathon 2024 (Project No. 218); proposed image-processing based cleanliness dashboard.
- Awarded First Place in Campus Quest; participated in JNTU Code War 2.0.
- Executive member, Social Responsibilities Club (SAC).

Certifications

NPTEL — Cloud Computing; INNOVEX Hackathon (SIH); Edumoon — Full Stack Web Development