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Undergraduate
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SUMMARY

Computer Science graduate with hands-on experience in **full-stack development** using the **MERN stack and Next.js**. Strong in **scalable web application design**, **backend logic**, and **CI/CD automation**. Passionate about **clean, maintainable code**, **solving real-world problems**, and enthusiastic about applying **machine learning** to build **intelligent systems**.

EDUCATION

Degree	Specialization	Institute	Year	CGPA
B.Tech	*Computer Science & Engineering*	RGUKT Srikakulam	2022-2026	8.8
PUC	*Physics, Chemistry, & Mathematics*	RGUKT Srikakulam	2020	9.55
SSC	-	Dr.KKR's Gowtham	2015	10.0

INTERNSHIP EXPERIENCE

- **CI/CD Pipeline Automation** *[APSSDC]* — *May–Jul 2025*
  - Worked on automating the CI/CD pipeline for microservices-based 5G Network Management solutions as part of a project at APSSDC. Built Jenkins pipelines to automate the build, test, and deployment stages, ensuring consistency and faster delivery. Containerized microservices using Docker and deployed them using Kubernetes for scalable cloud-based operations. Integrated SonarQube for static code analysis to maintain code quality and security standards. Managed versioned build artifacts using Nexus Repository Manager to support deployment across multiple environments.

PROJECTS

- **Resort Booking System – Next.js + Node.js + MongoDB** [GitHub]
  Built a fully functional resort booking platform with dynamic search filters, personalized resort suggestions, and a calendar-based booking interface. Enabled secure login, automated invoice, and an intuitive admin dashboard. Ensured a fast and responsive UI using **Next.js SSR**, storing and managing real-time data with **MongoDB**.

- **Smoker Status Prediction – Machine Learning** [GitHub]
  Implemented **Logistic Regression** and **Random Forest** to classify smoker status using health metrics. Performed data cleaning, feature engineering, and evaluated models using ROC curves and confusion matrices.

- **Online Examination System – MERN Stack (React + Node.js + MongoDB)** [GitHub]
  Built a full-stack exam platform with secure logins, timed assessments, and role-based access. Developed the frontend in **React.js** and backend APIs using **Node.js/Express**, storing results and user data in **MongoDB**. Enabled dynamic question rendering, timer integration, and automated result computation.

POSITIONS OF RESPONSIBILITY

- **Linguistic Club General Secretary** *[Student Gymkhana Center (SGC) 2023]* — *Jan–Oct 2023*
  Planned and led literary and cultural events fostering multilingual engagement and inclusive participation on campus.

- **Led a hackathon - Techni Verse :** Collaborated with student bodies to manage logistics, coordinate teams, and execute multi-departmental events.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C, C++, SQL

- **Full-Stack Development:** HTML, CSS, JavaScript, React.js, Next.js, Node.js, Express.js

- **Databases & Caching:** MongoDB, MySQL, PostgreSQL

- **DevOps & Cloud:** Git, GitHub, GitHub Actions (CI/CD), Jenkins, Docker, Kubernetes, AWS (ECS, EC2, Load Balancing), SonarQube, Nexus Repository Manager

- **AI/ML & CS Fundamentals:** Machine Learning, Deep Learning, Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Software Design Patterns

- **Problem Solving:** Solved 400+ coding problems on LeetCode and GeeksforGeeks, focusing on data structures and algorithms