

Arsha Vardhan

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Profile Summary

Enthusiastic Computer Science Engineering student at KL University with hands-on experience in full-stack web development, AI project prototyping, and UI/UX design. Skilled in React.js, Next.js, Node.js, and MySQL for building scalable, modern web applications. Actively working on projects integrating AI and web technologies.

Education

KL University, Vijayawada 2022 – 2026 (expected)

B.Tech in Computer Science and Engineering

- Relevant Courses: Data Structures, Database Systems, Operating Systems, Distributed Systems, AI Fundamentals, Web Technologies
- Active in project development and internship initiatives focused on AI and web applications

Experience

Intern – Vyuha Inovation Foundation

June 2024 – Nov 2024

Web Development Automation Team

- Designed and optimized internal dashboards using React.js and Node.js
- Automated data collection workflows improving student lead management efficiency by 30%
- Collaborated with cross-functional teams to improve UI/UX design and web performance

Projects

SmartAid – AI-Driven Public Grievance Platform

- Developed a grievance redressal platform using NLP and computer vision for issue categorization and routing
- Built frontend using React.js and backend APIs using Node.js and Express.js
- Focused on automation and scalability for public administration use cases

BudgetEase – Conference Expense Planner with Redux

2024

- Built an expense tracking tool using React.js, Redux, and Node.js
- Implemented data visualization for tracking expenses and budgets across departments

Personal Portfolio Website – React + Next.js + Node.js

2023

- Developed a dynamic portfolio to showcase skills and projects
- Deployed backend using Node.js and frontend with React.js, Next.js, and Tailwind CSS

Technical Skills

Programming Languages: Java, C, JavaScript, SQL

Frontend: React.js, Next.js, HTML, CSS, Redux

Backend: Node.js, Express.js, RESTful APIs

Databases: MySQL, PostgreSQL

Tools: Postman, Docker, Jenkins, Git

Design: Figma, Adobe After Effects (UI/UX and Video Editing)

Achievements & Interests

- Selected for multiple university projects on AI and web innovation
- Interested in AI engineering, full-stack development, and B2B digital solutions