

# MANOJ K

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## EDUCATION

### (TKSCT)ANNA UNIVERSITY

Bachelor of Computer Science & Engineering

Cumulative GPA: 8.6 / 10

Theni

May 2024

### K.L.S.S. GOVT HR SEC SCHOOL (STATE BOARD)

Study in HSC.

Cumbum

Jul 2019 - Jul 2020

## WORK EXPERIENCE

### GUVI GEEK NETWORK PRIVATE LIMITED

Development intern

Chennai

Jul 2024

- Worked as a Development Intern at GUVI, contributing to various software development projects.
- **Engineered** 5 RESTful APIs, resulting in a 30% boost in system efficiency.
- **Executed** 15+ code reviews and **authored** unit tests, leading to a 20% decrease in bug reports.

## UNIVERSITY PROJECTS

### DEEP ENSEMBLE LEARNING FOR ACCURATE PREDICTION OF OPHTHALMIC DISEASES IN MEDICAL IMAGING

MAY 2024

- **Devised** a deep ensemble learning model that **enhanced** prediction accuracy by 25% for ophthalmic diseases from medical images.
- Presented project findings to a panel of professors, improving communication and presentation skills.

### COLLEGE MANAGEMENT SYSTEM USING PHP

NOV 2023

- **Spearheaded** the development of a management system that **amplified** administrative task efficiency by 40%, **reducing** staff workload by 15 hours per week.
- Led a team of 3 students, fostering a collaborative environment to achieve project goals.

## ACTIVITIES

### NEXT-GENERATION STUDENT MANAGEMENT WITH MERN STACK TECHNOLOGIES

Theni

Zhahi Tech Training

Jul 2024 – Present

- **Engineered** CRUD operations for 1,000+ student records with real-time updates, **optimizing** system scalability and user experience.
- Facilitated 5 knowledge-sharing sessions, improving team understanding of MERN stack technologies

### USER MANAGEMENT SYSTEM WITH AUTHENTICATION AND CACHING

Chennai

Guvi

Jul 2024

- **Developed** a user management system with hashed passwords and JWT, **cutting** login time by 50% and **boosting** data retrieval speed by 60% through Redis caching.
- Profile data stored in MongoDB and cached in Redis for fast access.
- Coordinated with a team of 4 members to ensure seamless integration of backend and frontend components.

### BOUTIQUE WEBSITE

Theni

Zhahi Tech Training

Jun 2024

- Developed a boutique website, improving customer engagement by 40% through intuitive design and seamless navigation.
- Implemented a responsive layout, ensuring optimal user experience across different devices and screen sizes.
- Engaged with 3 stakeholders to gather requirements, ensuring the final product meet user needs.

### PORTFOLIO WEBSITE

Theni

Zhahi Tech Training

Jun 2024

- **Crafted** a portfolio website that **garnered** positive feedback from 100+ peers and potential employers for its modern design and responsiveness.
- Implemented a clean, modern design that adjusts seamlessly across various devices and screen sizes.

## ADDITIONAL

**Technical Skills:** HTML/CSS,SQL, PHP, Javascript,MongoDB,NodeJS,ReactJs

**Certifications & Training:** Full Stack Development in GUVI , MERN Stack Development in Zhahi Tech Training

**Achievement:** Participated in the National Level Collaborative Indian Geospatial Mapping Event, IIT Bombay FOSSEE MAPATHON, 2023, **ranked** among the top 10% of participants.