

Gobikrishnan K

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Skills

Languages: Java, Python, SQL

Technologies & Tools: Django, FastAPI, ML, AI, Flask, HTML, CSS, Node, Numpy, pandas, SQL, Mongodb, PostgreSQL

Work Experience

Code Infinite June 2024 - July 2025 ***MERN Intern***

- Developed a full-stack web application for library book management using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Designed and built responsive frontend components using React.js, ensuring a smooth user experience across devices.
- Ensured smooth state management and routing within the React application using React Router and Context API.
- Deployed the application locally and tested key functionalities, optimizing both frontend performance and backend

response time.

Finext Solutions May 2025 - June 2025 ***Full Stack Development***

- Contributed to the design and development of a web-based platform tailored for medical students to track their daily academic activities, patient interactions, and personal study notes.
- Built secure and scalable backend services using **Django** and **FastAPI**, ensuring efficient handling of user data, access control, and form submissions.
- Implemented role-based access control so that each user could securely access their own records and notes.

Education

KGiSL Institute of Technology, Coimbatore Aug 2022 - May 2026 B.Tech in Artificial Intelligence and Data Science
CGPA: 8.20/10

Relevant Coursework: Django, FastAPI, Python, Java, Machine Learning, Flask, SQL, MongoDB, PostgreSQL, Object oriented programming, Problem solving.

Project Work

• **GenAI-Powered Enhanced AI Features for Tamil Wikipedia**

Developed a GenAI-powered plugin to enhance Tamil Wikipedia with AI-driven features like translation, summarization, and keyword suggestions. Integrated Google Gemini and Translate APIs, along with various NLP models, to improve content accessibility and user engagement.

- **Report Generation** : Built a web-based report generation system to digitize college records, significantly reducing staff workload from 1 hour to just 5 minutes per report. Designed for college management to streamline tasks like event management, report maintenance, and NAAC-related documentation.
- **MedicoApp**: Developed MedicoApp, a web application for medical students to track their daily academic activities and patient interactions. Designed personalized dashboards where each user can securely access and manage their academic records and notes.

Awards and Certificates

• **Special Prize Winner** – *GenAI-Powered Website Project*

Awarded by **StartupTN – Madurai Chapter** for developing an innovative AI-enhanced website leveraging GenAI capabilities to improve Tamil Wikipedia.

- Java, Django, FastAPI, Machine Learning, SQL, MongoDB, AI, Flask