

ABHIJITH N S

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EXPERIENCE

BufferBytes Technologies | Engineering Intern

Jul 2025 - Present

- Developed live web applications using React.js, Next.js, TypeScript, Shadcn UI, MUI, integrating APIs and MySQL.
- Optimized performance, SSR, and responsive UI, exploring AI-driven enhancements.
- Implemented SDLC processes while maintaining version control with Git/GitHub.

EY GDS & AICTE | Full-Stack Developer Intern

Feb - Mar 2025

- Built a personal finance web app using MERN stack with secure authentication and full CRUD operations.
- Designed and integrated RESTful APIs for scalable and maintainable front-end/back-end communication.
- Followed the Software Development Life Cycle (SDLC) and delivered sprint tasks on time.

Fab Studioz (Ziuke Infotech) | Full-Stack Developer Intern

Mar - Aug 2023

- Built a Library Management System using - Python Django & MySQL with secure authentication and full CRUD operations.
- Designed and integrated APIs for seamless front-end/back-end communication.
- Automated routine library tasks and ensured maintainable code using Git workflows.

EDUCATION

APJ Abdul Kalam Technological University

2022 - Present

B.Tech in Computer Science and Engineering
CGPA: 9.02

GHSS Chembhuchira

2020 - 2022

Computer Science 12th
Percentage: 94.75%

SKILLS

Programming Languages:	C, Python, JavaScript, Java, C++
Libraries/Frameworks:	React.js, Next.js, Node.js, Express.js, Django, Tailwind CSS, Bootstrap, Shadcn, Framer Motion, Redux, Zustand, Zod, React Query / TanStack Query, Axios
Tools / Platforms:	Git, Linux, Bash, Postman, Supabase, PyCharm, VS Code, Vercel
Databases:	PostgreSQL, MongoDB, MySQL

PROJECTS / OPEN-SOURCE

IESCE IEDC Website

MERN Stack, TailwindCSS

Built a responsive MERN + TypeScript site with JWT admin panel to manage events/content, CRUD via REST APIs, MongoDB, deployed on Render & Vercel with 0 hosting.

Accident Detection System (AI + CV)

YOLOv8, Mask R-CNN, OpenCV, MERN, MongoDB

Built a CCTV-based accident detection system with YOLOv8 & Mask R-CNN, real-time alerts to emergency services, and incident logging via MERN + MongoDB.

Chatbot Using Raspberry Pi and Gemini API

Python

Developed a voice-interactive AI chatbot on Raspberry Pi 3+ using Gemini API with speech recognition, text-to-speech, and real-time, reliable interactions.

CERTIFICATIONS

- Programming in Python, Database and SQL, Introduction to Back-End Development - Meta Coursera.
- Introduction to Artificial Intelligence - Infosys Springboard.