

Abhinav Ganeshan Kalpathy

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EDUCATION

Vellore Institute of Technology - 8.47
B. Tech in Computer Science and Engineering

Vellore, Tamil Nadu, India
2022 - Current

TECHNICAL SKILLS

Programming Languages: C, C++, Python, Java, JavaScript, TypeScript, Go
Frameworks and Tools: Next.js, Express.js, Go Fiber, Zustand, TanStack, Docker, Postman
Databases and Cloud Services: MongoDB, MySQL, PostgreSQL, AWS, DigitalOcean

WORK EXPERIENCE

Peritys - SDE Intern Jun 2024 - Current

- Developing new Project Management Portal and Landing Page for [Tribal Welfare](#) Department, Government of Tamil Nadu, incorporating i18next for multilingual support in Tamil and English.
- Developed an admin dashboard for [HaaNaa](#), a betting application, focusing on efficient management, seamless user interaction, and analytics.

Warbler.pro - SDE Intern May 2024 - Current

- Led the development of [Warbler.pro](#), a full-stack web platform for AI-driven social media content generation. Built an intuitive interface, integrated AI models with Blender-based Python scripts, and engineered a scalable backend using Next.js and AWS (DynamoDB, S3, Amplify).

Stride.ai - SDE Intern Jun 2024 - Jul 2024

- Developed user-friendly interfaces for NLP solutions, optimizing the overall user experience.
- Standardized frontend projects by creating a reusable template with consistent state management, error handling, and login/signup functionality, reducing development time and ensuring maintainable code structure.

PROJECTS

Papers by CodeChef-VIT - Next.js, MongoDB, Cloudinary Jun 2024 - Present

- Led the development of [papers.codechefvit.com](#), a platform providing VIT students access to previous year question papers, featuring an admin dashboard for managing all question papers and integrating Google Analytics to track user behavior, achieving nearly 10k active users during exam seasons.

Fincheck Accounting - Next.js, Zustand, Framer-Motion, Hashnode May 2024 - June 2024

- Freelanced to develop a company [landing page](#) with integrated chatbot, Hashnode-powered blog system, and SMTP-based contact form, enhancing user engagement and streamlining client communication for Fincheck Accounting.

DEVSOC'24 - Next.js, Zustand, Shadcn Feb 2024 - Mar 2024

- Developed [landing page](#), [registration portal](#), and [admin portal](#) to facilitate seamless participant management and convey information efficiently.

ACHIEVEMENTS/RESPONSIBILITIES

- Yantra'24 Central Hack Winner:** Made a seller app (PWA) integrating ONDC using Typescript with AI-based Cataloging. Won best project in Track Good Wealth and Economic Growth. [Link](#)
- AWS Certified Solutions Architect - Associate:** Earned certification validating expertise in designing scalable, secure, and cost-optimized cloud solutions. [Link](#)
- Projects Head, CodeChef-VIT:** Planned and organized projects to timely completion while mentoring members and ensuring high code quality through PR reviews.