

Pavan Karthik Garaga

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Portfolio: pavankarthik.me

GitHub: github.com/pavankarthikgaraga

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Professional Summary

Full Stack Developer specializing in **Next.js** and **TypeScript**, with experience building scalable web platforms, REST APIs, and database-driven applications. Proven ability to deliver end-to-end solutions, implement authentication and authorization, automate deployments using CI/CD pipelines, mentor peers, and quickly adapt to new technologies while solving complex technical problems.

Education

KLEF Deemed to be University

July 2023 – May 2027

B.Tech in Computer Science Engineering

CGPA: 9.3/10

Courses: Data Structures and Algorithms, Operating Systems, Database Management Systems, Computer Networks, Object-Oriented Programming, Software Engineering

Technical Skills

Languages: JavaScript/TypeScript, Python, Java, C/C++

Frameworks: React.js, Next.js, Node.js, Express.js, Spring

Databases: MongoDB, MySQL, PostgreSQL

DevOps/Tools: REST APIs, API Integration, Git, Docker, Nginx, PM2, Ubuntu Server, CI/CD Pipelines

Practices: Authentication & Authorization, Role-Based Access Control (RBAC), Agile/Scrum Development

Experience

Student Activity Center – KLEF

Full Stack Developer Intern (Apr 2025 – Jun 2025)

- Developed and maintained a social internship management platform serving **4,000+** active users.
- Implemented secure **Role-Based Access Control (RBAC)** and authentication mechanisms.
- Automated build and deployment workflows using **CI/CD pipelines**, deploying via **Nginx** and **PM2**.

Vyuha Innovation Foundation

Full Stack Developer Intern (Jun 2025 – Aug 2025)

- Built internal dashboards to streamline company operations and data management.

Avanflix Media & Entertainment

Full Stack Developer Intern (Aug 2025 – Present)

- Developing and deploying multiple client websites using **Next.js** and modern web technologies.
- Integrated backend APIs with frontend dashboards following Agile development practices.

Projects

Social Internship Platform

github.com/PavanKarthikGaraga/intern

- Designed and developed a large-scale internship management system used by **4,000+** students.
- Implemented secure **authentication, authorization, and RBAC** for multiple user roles.
- Automated deployments using **CI/CD pipelines** and managed production with **Nginx** and **PM2**.
- Tech:** Next.js, Node.js, MySQL, Nginx

Arbeit – AI Job Portal

github.com/PavanKarthikGaraga/Arbeit

- Developed an AI-powered job portal focused on resume optimization and career guidance.
- Built an **ATS-compatible resume analyzer** with AI-driven improvement suggestions.
- Integrated external APIs and mentorship matching for personalized career support.
- Tech:** Next.js, MongoDB Atlas, Gemini API, AWS

Nytlyf – Night Events Listing Platform

github.com/PavanKarthikGaraga/Nytlyf

- Built a mobile-first platform for discovering and listing nightlife events.
- Developed event creation, browsing, and filtering features for organizers and users.
- Designed and integrated backend REST APIs for event data handling and moderation.
- Tech:** Expo, React Native, Express.js, MongoDB

Leadership & Activities

- President, ZeroOne Code Club – Led workshops and collaborative coding projects.
- Hackathon Participation – Solved real-world technical challenges under time constraints.
- Mentorship – Guided juniors and explained complex technical concepts clearly.
- Adaptability – Quickly learned and applied new frameworks and tools.