Pavan K

📍 Chennai, India | 📞 +91 99887 65432 | ✉ pavan.fullstack.dev@gmail.com
🔗 github.com/pavan-dev | 🔗 linkedin.com/in/pavan-fullstack

Objective

Final-year B.Tech Computer Science student with a passion for full-stack development, cloud computing, and scalable backend systems. Experienced in building production-grade web apps, REST APIs, and CI/CD pipelines. Seeking roles in software engineering, backend systems, or DevOps engineering.

Education

B.Tech in Computer Science and Engineering
SRM Institute of Science and Technology, Chennai
Expected: May 2026 | CGPA: 8.67/10

Relevant Coursework:

- Operating Systems

- Computer Networks

- Database Management Systems

- Software Engineering

- Cloud Computing

- Data Structures & Algorithms

Skills

- **Languages**: JavaScript, TypeScript, Go, Python (basic), SQL

- **Web**: React.js, Node.js, Express.js, HTML, CSS, Tailwind, Next.js

- **Backend**: PostgreSQL, MongoDB, Redis, REST APIs, WebSockets

- **DevOps**: Docker, GitHub Actions, AWS EC2/S3/RDS, NGINX, Vercel

- **Other**: Git, Postman, Figma, Swagger, Linux (Ubuntu), VSCode

---

Projects

- **TaskFlow – A Scalable Task Management App**

Nov 2024 – Feb 2025

- Built a full-stack Kanban-style app using React + Node.js + MongoDB.

- Integrated JWT-based authentication, real-time updates with Socket.IO, and drag-and-drop functionality.

- Deployed on AWS with Docker containers and NGINX reverse proxy.

- **Expense Tracker API (Go + PostgreSQL)**

Jul 2024 – Aug 2024

- Developed a RESTful API using Go (Gin framework) with PostgreSQL and GORM.

- Implemented unit tests, Swagger docs, and basic OAuth2 integration.

- Deployed to Railway.app with CI/CD via GitHub Actions.

- **CI/CD Pipeline for Containerized App**

Apr 2024 – May 2024

- Containerized a Node.js app with Docker and configured GitHub Actions for auto-deploy to AWS EC2.

- Configured NGINX as a reverse proxy and integrated Let's Encrypt SSL with Certbot.

- Wrote deployment scripts using bash and Terraform (intro level).

- **Portfolio Website with Next.js**

Jan 2024 – Feb 2024

- Designed and developed a personal portfolio with animations and dark mode.

- Used Framer Motion and TailwindCSS for a smooth UX/UI.

- Hosted on Vercel with custom domain and SEO optimization.

Internship

Software Development Intern – HexaCloud Solutions
Jun 2024 – Jul 2024

- Migrated legacy PHP APIs to Node.js and improved response time by 35%.

- Set up CI/CD pipeline using GitHub Actions and Docker Compose.

- Collaborated with frontend team to debug and streamline API integration.

Achievements

- Top 3 – SRM DevHack 2024 (Built a real-time bus tracker with map integration)

- AWS Cloud Practitioner Certified

- 2nd Runner-Up – Code-o-Mania Hackathon 2023 (E-commerce backend challenge)

Positions of Responsibility

- **Lead Developer**, SRM Web Dev Club – Mentored juniors in React and Git workflows

- **Tech Coordinator**, SRM Hackathon 2024 – Managed infra setup and judging platform

---

Certifications

- AWS Cloud Practitioner Essentials

- Docker for Developers – Udemy

- The Complete Node.js Developer Course – Udemy
-