ALVIN GEORGE

FULL STACK DEVELOPER

CONTACT

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💼 [LinkedIn Profile](#)
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EDUCATION

Bachelor's Degree
CS Student @
Model Engineering College Cochin
Higher Secondary
Kerala State

SKILLS

- SpringBoot, Flask
- MongoDB, PostgreSQL
- Git, GitHub, PRs, Issues
- Google Cloud Run
- Render, Vercel
- VScode, IntelliJ Idea
- JavaScript, Linux
- Docker
- GitHub Workflows
- ReactJS

ACHIEVEMENTS

Got a Chance to Participate in HackForTommorrow. (ExcelMEC)
Built An AI Model for Detecting Plagiarism in Websites.

PROFESSIONAL OVERVIEW

Motivated and forward-thinking B. Tech student with a strong foundation in software development, programming, and problem-solving. Skilled in full-stack web development using **Flask, MongoDB, and JavaScript**, with hands-on experience in deploying real-world projects. Adept at applying logical and innovative thinking to build efficient, user-focused solutions. Passionate about continuous learning, teamwork, and leveraging technology to create impactful applications.

WORK EXPERIENCE

Full Stack Developer (Project-Based Experience)

Digital Patient Card Platform | 2025

- Led the development of a multi-role healthcare management system deployed on Google Cloud (Cloud Run, Artifact Registry).
- Built robust frontend dashboards for patients, doctors, and admins using React, Tailwind CSS, and React Router.
- Engineered a Spring Boot backend with REST APIs, JPA/Hibernate, and secure session handling.
- Integrated PDF generation (iText), advanced disease verification workflow, and role-based access control.
- Automated continuous deployment pipelines and optimized repository/storage usage for scalable delivery (Used Neon DB as cloud PostgreSQL Database)

Backend Developer (Learning-Based Project)

GadNEXUS – Gadget Blog Platform | 2024

- Designed and implemented backend features in Flask and MongoDB to support user-generated content.
- Developed authentication and session management, including password hashing and account controls.
- Deployed on Vercel and Render, establishing CI/CD workflows for reliable releases.
- Prioritized security and fast, responsive performance across devices.

Front-End Developer (Learning Project)

- Built an e-commerce site with React and Vite, deployed on Vercel for fast, scalable delivery.
- Implemented core React concepts: hooks, state management, props, and component hierarchy (transition trees).
- Designed interactive product browsing and shopping cart workflows using React Router for seamless navigation.
- Applied asynchronous data fetching with Axios, including error handling and loading states.
- Gained practical experience using Vercel deployment and debugging production issues.