Ganesh M

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Objective

To secure a **Software Development Engineer (SDE) Intern** role where I can apply my expertise in designing and developing scalable web and mobile applications. Eager to leverage my skills in frontend and backend technologies, strong foundation in data structures and algorithms, and passion for AI integration to deliver innovative and impactful solutions.

Education

VIT-AP University   Expected May 2027

B.Tech in Computer Science and Engineering — CGPA: 8.48/10   *Amaravati, Andhra Pradesh*
- **Relevant Coursework:** Data Structures & Algorithms, Design & Analysis of Algorithms, Object-Oriented Programming (Java), Operating Systems, DBMS, Computer Networks, Software Engineering, Artificial Intelligence, Machine Learning, Problem Solving (Python, C/C++)

Technical Skills

Programming Languages: Python, JavaScript (ES6+), Java, C/C++, SQL, HTML/CSS
Frameworks & Libraries: React, React Native, Node.js, Express.js, Flask, FastAPI, Tailwind CSS, Bootstrap
Databases: MongoDB, MySQL, SQLite, PocketBase (BaaS)
Developer Tools: Git, GitHub, CI/CD, Linux, REST APIs

Experience

Full-Stack Developer Intern – Feedine Foodworks   *Jan 2025 – Jun 2025, Chennai, TN (Remote)*

- **Deployed, configured, and maintained** a PHP–Laravel–Vue.js web application with MySQL, managing **cloud server setup** and environment configuration.
- **Tested and documented issues** in a Flutter-based mobile app to ensure functionality, performance, and usability.

Projects

SiteIngest – Fullstack SaaS for Website Hosting & Monetization | *React, Bootstrap, Flask, PocketBase*
- Developed a SaaS platform enabling users to host websites with subdomain support, monetize via ad injection, and track analytics (impressions, engagement). [GitHub]

AWFEX – Visual Workflow Automation Engine | *React, Node.js, Express*
- AWFEX is an open-source, lightweight automation workflow engine designed as an alternative to tools like n8n. It focuses on simplicity, flexibility, and complete extensibility, allowing developers to create automation pipelines using custom functions and an intuitive UI. [GitHub]

GestureCall – Video Intercom for Deaf Individuals | *Python, Raspberry Pi, FastAPI, OpenCV*
- Built a real-time video call system with sign language translation, speech-to-text, and vibration alerts using Raspberry Pi and computer vision. [GitHub]

Connekt – Social Platform for VIT-AP | *React, Node.js, Express, MongoDB, MUI, Cloudinary*
- Built a full-stack social app (registered 100+ users) for queries, confessions, and travel matching; deployed via CI/CD with Cloudinary media storage. [GitHub]

Git2Know – AI GitHub Summarizer | *React, Flask, Gemini API, Tailwind CSS*
- Developed an AI-powered chat interface that summarizes GitHub profiles and repositories using Gemini API, with a React frontend and Flask backend. [GitHub]

Certifications & Achievements

- **Certifications**: **IBM** – GenAI using Watsonx | **HackerRank** – Python, Java, React, REST APIs (Modern Development) | **Wadhwani Foundation** – IGNITE 3.4 (Ideation, Prototyping, Business Modeling, Financial Planning)
- **Achievements**: 9th Place – Great India Hackfest 2024, CSI VIT-AP [Cert] | Java Host – 100 Days of Coding (taught to 600+ students) [Cert]