

gaganraj.dev05@gmail.com

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Shivamogga 577204

Skills

- Interface Design
- React
- HTML and CSS
- JavaScript
- Node.js
- EJS
- Flask
- Spring and Spring Boot
- PostgreSQL
- MySQL
- MongoDB
- Hardware assembling
- Java Core
- Python
- Docker and Kubernetes
- AWS (EC2, S3, Elastic Beanstalk, IAM)
- Agile workflow
- CI/CD
- Problem solving
- MS Office
- Data Entry
- Version control systems (Git and GitHub)
- Debugging
- Content management systems
- API integration
- Git proficiency
- Responsive design
- Full-stack development
- Object-oriented programming
- Website maintenance (performance optimization, security updates, SEO)
- Landscape photography
- System Design
- Analytical thinking

Education And Training

Expected in 03/2025

**Diploma In Computer Science
And Engineering:**
SDM Polytechnic College

Gagan Raj

Summary

Highly motivated **MERN Stack Developer** and **backend enthusiast** with expertise in **Java for DSA** and **Flask**. Good hold in building **scalable full-stack applications** and delivering **robust solutions** for real-world challenges. Proven ability to design and develop dynamic projects, including **EZ-Agro**, a digital platform empowering farmers through **real-time analytics**, and **Student Leave Management System**, streamlining administrative processes. Skilled in leveraging tools like **MongoDB**, **MySQL**, **PostgreSQL**, **Spring Boot**, and **TypeScript**, with a strong focus on performance optimization and user-centric design. Actively participated in **hackathons and expos**, demonstrating **leadership**, **innovation**, and **teamwork**. Passionate about **backend development** and committed to fostering impactful, **technology-driven** solutions

Experience

Full-Stack Developer - EZ_AGROW | HTML, CSS, Javascript, Flask, MySql
09/2024 - 10/2024

Digital platform integrating access to government schemes, direct market connections, labor hiring, and real-time analytics to empower farmers.

- Developed a digital platform that integrates **government schemes**, **direct market connections**, **labor hiring**, and **real-time analytics** to empower farmers.
- Designed and implemented essential features for **direct trade**, **marketplace interactions**, and **efficient labor hiring**, connecting farmers with **resources** and **markets**.
- Incorporated **real-time analytics** for **weather forecasts**, **market trends**, and a **location-based nursery finder** to enhance informed decision-making.
- I built a **chatbot** and integrated **MySQL** for **efficient data management**, providing **personalized assistance**, and **streamlined access** to resources.

All-in-One Platform for Agricultural Growth.

- Implemented sophisticated **APIs** and bespoke **logic** to deliver **real-time updates** pertaining to **weather forecasts**, **market trends**, and **location-based services**, such as the **nursery finder**.
- Designed and developed comprehensive **modules** aimed at facilitating **direct trade** between **farmers** and **consumers**, alongside establishing a **marketplace** dedicated to **agricultural products** and **labor hiring**.
- Focused on creating an **intuitive interface**, emphasizing **accessibility** for **rural farmers** by incorporating **simplified navigation** and **language support** for diverse demographics.

Revolutionizing the agricultural landscape.

- The platform meticulously integrates a range of features, including **labor hiring**, **marketplace interactions**, and **nursery locators**.
- Facilitates seamless connections between **farmers** and the essential **resources** they require.

Ujire
CGPA - 9.65 / 10.0

05/2021


Secondary School:
Vikasa High School
Shivamogga
Percentage-83.4%

Course Work

Database Management Systems
Object-Oriented Programming
Algorithms and Data Structures
Web Development
Software Engineering
MERN Stack Development

Languages

Kannada: First Language

English: B1

Intermediate (B1)

Hindi: C2

Proficient (C2)

Websites, Portfolios, Profiles

- <https://github.com/GaganRaj05>

Certifications

- Certified **MERN** Stack Developer
- **Node.js** case study training certificate from **Infosys Springboard**
- Certification for **Building your own blockchain** in **Javascript** from **Infosys Springboard**

- Ultimately, promoting enhanced **productivity** and **sustainability** across the sector.

- Link to the project and resources:

https://github.com/GaganRaj05/EZ_AGROW.

Full-Stack Developer - Leave Management System | HTML,CSS,JS,Flask,MySQL
11/2023 - 12/2023

Comprehensive System for Streamlined Leave Management and Enhanced Accessibility.

- **Designed** a seamless system enabling students to submit leave applications online, reducing paperwork and manual intervention.
- **Developed** a **role-based system** where faculty and administrators can review, approve, or reject leave requests, with **real-time notifications**.
- **Integrated** a **centralized database** to store leave records securely, ensuring easy retrieval, and efficient tracking for future references.
- **Built** an intuitive **front-end interface** with simplified navigation, allowing students and faculty to interact effortlessly.

Creating an Efficient Leave Management System.

- **Analyzed requirements** to design a **robust system** that automates leave requests, approvals, and tracking, minimizing manual work, and ensuring efficiency.
- **Implemented** a **role-based system** that grants permissions based on user roles (**students, faculty, administrators**), allowing for seamless leave application and approval workflows.
- Set up a **real-time notification system** for leave approvals, rejections, and status updates, keeping users informed throughout the process.
- Included features for generating **reports** and **leave trends**, helping administrators **track patterns**, and make informed decisions.

Operational Efficiency and User Engagement.

- The **operational efficiency and user engagement** of the system have been greatly enhanced by **automating** the leave approval process.
- **Streamlining communication** through **real-time notifications**, and providing an intuitive interface.
- Administrators can now manage **leave records** and **generate reports** with ease, leading to a reduced administrative workload and improved **decision-making**.
- Link to the project and resources:

https://github.com/GaganRaj05/Leave_Management_System.git

Activities And Honors

- Participated in **State level hackathon** held at **KPT Mangalore**.
- Participated in technical **project competition** held at **SNM Moodbidri**.
- Participated actively in **college expo** and built **two important full stack projects**.
- While I spend a lot of time honing my **technical skills** through **full-stack projects**, I also enjoy participating in **hackathons** and mentoring peers. Outside of work, I'm passionate about **photography** and volunteering at local events, which keeps me creative and grounded.