

## Projects

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### • Tailored Crop Prediction

Mar . 2025

Team Project

Github

- Designed and implemented a web-based crop recommendation system analyzing soil type, temperature, humidity, and rainfall data to guide farmers on optimal crop selection.
- Developed a responsive, interactive user interface using ReactJS, CSS, and Framer Motion, enhancing user engagement and accessibility across devices.
- Integrated real-time environmental data processing to generate actionable agricultural insights. Emphasized clean UI/UX practices and animation for better user experience using Framer Motion.
- Technologies Used: ReactJS, CSS, Framer-Motion

### • Web Forge

Feb . 2025

Personal Project

Github

- Developed fully customized webpages based on detailed client specifications, including layout, design elements, and preferred technologies.
- Led end-to-end development using ReactJS and Framer Motion, delivering responsive and interactive user experiences. Ensured feature completeness and technical alignment with client expectations through iterative development and feedback integration.
- Applied component-based architecture and animation techniques for modularity and smooth UI transitions.
- Technologies Used: React JS, Framer Motion.

### • Email Verification

Jun . 2024

Self Project

Github

- Built a secure Java-based email verification system enabling OTP-based user authentication during sign-up and login processes.
- Implemented key features like OTP generation and validation, user registration/login, and email verification services with proper error handling.
- Ensured robust input validation and prevented unauthorized access or duplicate registrations through secure verification flows. Focused on user management and authentication logic, enhancing application security and integrity.
- Programming Languages Used: Java

## TRAINING

### Core and Advanced Java- Board Infinity

Jun -Jul . 2023

- Application Development
- Gained hands-on experience in developing, implementing, and maintaining internal web applications and programs.
- Practical implementation of these skills in various aspects.

## Certificates

### Core and Advanced Java

Jul . 2023

### Technical Skills

- **Programming Languages:** Java, SQL.
- **Tools/Frameworks:** HTML, CSS, JavaScript, ReactJS, React Three Fiber.
- **Animation Libraries:** Framer Motion, GSAP, Locomotive Scroll.

## Education

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### Lovely Professional University Punjab

Computer Science and Engineering — CGPA: 6.56

Jalandhar, Punjab

Sep'2021 – present

### Sri Chaitanya Collage

11<sup>th</sup> & 12<sup>th</sup> — Percentage: 86.50%

Andhra Pradesh

Jun'2019 – Apr'2021

### Sri Chaitanya School

10<sup>th</sup> class — CGPA: 10.0

Andhra Pradesh

Jun'2017 – May'2018