

PRAJWAL SHETtar

[Portfolio](#)

[LeetCode](#)

[GitHub](#)

[Linkdin](#)

Email: prajwalshettar43@gmail.com

Prajwal Shettar

SKILLS

Languages : Java, Python, JavaScript, HTML, CSS, C, SQL

Frameworks : React.js, Node.js, Express.js, Tailwind CSS, Hyperledger Fabric

Tools : Git & GitHub, Twilio API, IPFS, Canva, Figma ,Scikit-learn ,Vercel

Others : REST API Integration, Machine Learning, Basic Networking Concepts

PROJECTS

Blockchain Based Evidence Tracking System (Blockchain + IPFS)

React.js, Express.js, MongoDB, Hyperledger Fabric, IPFS

- Developed a web platform to securely store and verify digital evidence using blockchain technology
- Integrated IPFS for decentralized file storage and Hyperledger Fabric for tamper-proof evidence storage
- Designed a user-friendly React.js frontend allowing users to upload, view, and track digital evidence with transaction history.

[Github Link](#)

Smart Traffic Management System

YOLOv8, Deep SORT, OpenCV, Twilio, Streamlit, Weather API

- Trained YOLOv8 models to detect both vehicles and ambulances; used Deep SORT for real-time object tracking in live traffic feeds.
- Enabled smart signal control with dynamic green light timing and weather-based alerts using real-time vehicle flow and weather data.
- Automated emergency response by sending WhatsApp alerts to authorities via Twilio.

[Github Link](#)

[Website Link](#)

Glacier Melting Prediction and Alert System

Python, Machine Learning, Google Earth Engine, Twilio

- Built a platform using PDD, seismic, and snow data to predict glacier melting and issue alerts
- Used ML models like GradientBoosting and Linear Regression for climate analysis
- Integrated Twilio for real-time SMS alerts to stakeholders

[Github Link](#)

[Website Link](#)

Online Course Management System

HTML, CSS, PHP, MySQL/phpMyAdmin)

- Developed a web application enabling instructors to seamlessly add and manage courses, create tests, and upload course materials.
- Designed student-facing features for course discovery and easy enrollment
- Created a user-friendly interface ensuring 24/7 access to course content and real-time results.

EXPERIENCE

Student Volunteer

IEEE

- Assisted in organizing and managing college-level events, ensuring smooth coordination and execution
- Helped mentor juniors at events like F.A.I.L. encouraging team spirit and responsibility.
- Collaborated with faculty and student teams to support registrations, and technical setup

WebMaster

IEEE

- Maintained and updated an existing website to ensure smooth functionality, consistent uptime, and error-free performance
- Regularly added new features and content to improve user engagement and provide up-to-date information
- Implemented UI/UX enhancements and responsive design fixes for better cross-device compatibility

EDUCATION

Bachelor of Engineering (B.E.) in Computer Science & Engineering

Basaveshwar Engineering College, Bagalkot, India 2022 – 2026(Expected)

- CGPA: 9.26

AWARDS AND CERTIFICATES

Code for green

- Secured 2nd place in an 8-hour state level hackathon

Innovate-X

- Secured 1st place in an 8-hour hackathon

Avishkaar

- Secured 2nd place in a project exhibition

Tech-Tronix

- Secured 1st place in a tech fest with events on coding and team quests

Anveshana

- Secured 2nd place in a project exhibition