

# GAURAV KUMAR MISHRA

+919625680384 | [mishragaurav1332@gmail.com](mailto:mishragaurav1332@gmail.com) | [LinkedIn](#) | [GitHub](#)

## WORK EXPERIENCE

### Prasunet Company Pvt. Ltd.

Web Developer Intern

Jul 2024 - Aug 2024

- Engineered a stopwatch web application with vanilla JS, optimizing bundled assets to cut load time by 50%.
- Created a responsive weather-forecast app that consumes OpenWeatherMap API, sustaining 100% uptime during beta tests.
- Implemented mobile-first layouts with Flexbox & Grid, boosting multi-device engagement by 30%.

## SKILLS & CERTIFICATIONS

**Skills:** • Programming: Python, JavaScript, C++, C, SQL

- Front-End: React.js, HTML5, CSS3, Tailwind CSS, Bootstrap
- Back-End: Node.js, Express.js, RESTful API Design;
- Database: MongoDB, MySQL;
- Version Control & Deployment: Git, GitHub, GitHub Actions, AWS EC2/S3 (basic)

**Certifications:** • Introduction to CyberSecurity (CISCO)

- Advanced MySQL (Kaggle)

## PROJECT EXPERIENCE

### Personal Projects

#### Weed Detection & Control Robot

- Achieved **95%+ accuracy** in real-time weed classification via **VGG-19** and OpenCV based preprocessing.
- Automated weed removal with **3-axis robotic arm**, increasing **field efficiency by 50%** over manual methods.

#### Full-Stack Rental Web Application

- Built a full-stack app using **MongoDB, Express.js, and Node.js**. Created **20+ dynamic routes** and supported over 100 property listings.
- Implemented secure multi-strategy user authentication (local, Google, Facebook) via **Passport.js**, **handling 3,000+ test logins** with encrypted password storage and session control using Express Session & Connect-Mongo.
- Integrated Cloudinary for efficient storage of **200+ images**, and **Mapbox** for real-time interactive maps; ensured **100% mobile responsiveness** and improved user input reliability with **20+ Joi validation** schemas.

#### Urban Fix

- Developed an interactive web application using **HTML5 Canvas API**, enabling users to visually mark urban issues with **90% accuracy in location mapping**.
- Integrated **geolocation services** to automatically capture user coordinates, reducing manual error in issue reporting by **~70%**.
- Connected **backend task APIs** to sync user-drawn reports in real time, improving data submission efficiency and response speed by **40%**

## EDUCATION

### Ajay Kumar Garg Engineering College, AKTU

B.Tech in Electronics & Communication Engineering (CGPA: 7.5/10)

Lucknow, IN

Graduation Date: May 2025

### JKG International School

Intermediate (Percentage: 80%)

Ghaziabad, IN

Graduation Date: May 2020

## LEADERSHIP EXPERIENCE

### Smart India Hackathon 2024

Finalist

- Proposed an IoT solution to industrial safety challenge; finalists among **40+ teams**.