

# DHEERAJ DINESHKUMAR YADAV

Bhayandar west, Mumbai • +91 88798 29346 • yadavdheeraj8282@gmail.com  
[linkedin.com/in/dheeraj-yadav-740a891a9/](https://www.linkedin.com/in/dheeraj-yadav-740a891a9/)

## SUMMARY

I'm **Dheeraj Dineshkumar Yadav**, a highly motivated and creative **final-year B.Sc. IT** student from **Shankar Narayan College**, passionate about **web development, backend engineering with Django, cybersecurity**, and solving real-world problems through technology. I bring a solid foundation in programming, frontend development, and cloud-based data handling, enriched by hands-on projects like **E-Census, Accident Alert System, and Facial Expression Detection**.

Through national-level research events like **Avishkar** and certifications from **Google, Deloitte, Accenture**, and **Infosys**, I've gained both **technical depth** and **professional readiness**. I thrive in team environments, grasp new technologies quickly, and am eager to build impactful solutions using tools like **Python, Django, HTML, CSS, JavaScript, SQL, Git, OpenCV, and TensorFlow**.

## WORK EXPERIENCE

**Cyber Security Intern, Prodigy InfoTech ( Remote)** **April 2025-Present**

- Conducted vulnerability assessments to detect potential threats in systems and networks.
- Assisted in developing and implementing cybersecurity protocols and security policies.
- Gained exposure to cybersecurity frameworks, risk management, and compliance.

**Skills Gained:** Cybersecurity, Ethical Hacking, Threat Detection, Penetration Testing, Network Monitoring, Risk Management

**Web Development Intern, Prodigy InfoTech ( Remote)** **February 2025 – March 2025**

- Designed and developed responsive web applications using HTML, CSS, and JavaScript.
- Wrote efficient and scalable code following modern web development practices.
- Collaborated with senior developers to debug issues and enhance application functionality.

**Skills Gained:** HTML5, CSS3, JavaScript, Web Development, Git/GitHub, UI/UX, Full-Stack Development, Problem Solving

## EDUCATION

**Bachelor of Science in Information Technology** **Present**

Shankar Narayan College of Arts & Commerce, Bhayandar

- Location: Bhayandar (E)
- Average: 77% (Semester 1 to 4)

**Higher Secondary Certificate (HSC) – Arts, Science & Commerce** **June 2020 – March 2022**

Mother Mary's Junior College, Bhayandar

- Location: Bhayandar (E)
- Percentage: 60%

**Secondary School Certificate (SSC)** **June 2019 – March 2020**

Nirmala Niketan High School, Bhayandar

- Location: Bhayandar (W)
- Percentage: 69%

## PROJECTS

### Pooling WebApp

**Technologies:** Python, Django, SQLite, HTML, CSS

**Year:** 2024

- Developed a web-based polling application allowing users to vote on polls and view live results.
- Implemented Django models, views, and templates for full CRUD functionality and admin control.

### E-Census: A Revolutionizing Data Collection

**Technologies:** HTML, CSS, JavaScript, SQL, Cloud

**Year:** 2024

- Built a digital census platform enabling real-time population data collection.
- Integrated cloud storage and live analytics to improve accuracy and security.

### Duck Hunter (Cybersecurity Project)

**Technologies:** USB Rubber Ducky, Cybersecurity Protocols

**Year:** 2023

- Simulated USB-based cyber-attacks to expose vulnerabilities in computer systems.
- Designed countermeasures to prevent malicious USB access using security protocols.

### Lifeline Emergency Reactor

**Technologies:** Arduino, GPS, GSM, Sensors

**Year:** 2022

- Developed an automatic accident alert system sending real-time GPS alerts.
- Embedded alcohol, temperature, and crash sensors for intelligent emergency detection.

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## TECHNICAL SKILLS

- **Programming Languages:** Python (Basic), JavaScript (Vanilla JS), HTML5, CSS3
- **Frameworks & Tools:** Django (Beginner), ReactJS, Bootstrap, TailwindCSS, Git & GitHub
- **Database & APIs:** MySQL, OpenWeatherMap API
- **Cybersecurity Tools:** Vulnerability Assessment, Penetration Testing Simulations
- **Web Development:** Responsive Design, UI/UX, Frontend & Backend Integration
- **Others:** MS Office Suite, MS Automation, Cloud Integration (for E-Census Project)

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## CERTIFICATIONS & RESEARCH ACHIEVEMENTS

- **18th Avishkar – Mumbai University (2024)**

Participated in inter-collegiate research competition showcasing innovation and technical solutions.

- **17th Avishkar – B.N. Bandodkar College (2023)**

Presented a research project at a regional tech event; appreciated for concept and clarity.

- **16th Avishkar – K.B. Patil College (2022)**

University-level research competition; demonstrated research and presentation skills.

- **Research Paper Presentation – Dhanwate College (2022)**

Participated in a national-level academic event with a paper on IT innovations.

- **Time Management – Infosys Springboard (Sep 2022)**

Completed certified training focused on time planning, prioritization, and productivity.

- **Employability Training – TNS India Foundation**

Gained hands-on training in communication, teamwork, and career readiness.

- **MS-Automation – Unicorn Computer Education (2016)**

Trained in Microsoft Office automation (Excel, Word, PowerPoint).