

ATHARV BARGIR

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Software Developer

A motivated and versatile Full-Stack Developer with hands-on experience in both web development and AI-based applications. Proficient in a wide range of technologies, including Node.js, Express, Python, JavaScript, Java, and HTML/CSS, with a proven ability to build responsive, efficient, and scalable web solutions. Possesses a strong foundation in computer vision, with practical experience in integrating AI models into real-world applications.

During a Generative AI internship, developed a real-time object detection system using YOLO, gaining expertise in the application of machine learning models to solve real-world challenges. Passionate about leveraging AI to create innovative, user-focused solutions and committed to continuously learning and exploring new technologies to drive impactful results.

WORK EXPERIENCE

Infosys Springboard • 10/2024 – 01/2025

AI Project Intern

- Developed an Aadhaar document verification system, achieving over 98% accuracy in field detection and text extraction.
- Used an advanced object detection model for identifying and classifying key document fields with a 98% success rate.
- Applied OCR techniques to extract text with over 95% accuracy in character recognition.
- Utilized efficient text comparison algorithms with 90% accuracy for intelligent text matching, ensuring reliable document verification scores.
- Delivered a well-structured presentation on the project, showcasing results and insights to mentors and peers.

CERTIFICATIONS

Full Stack Development Boot Camp

Udemy

Front-End Web Development

Great Learning Academy

Advanced Data Science with IBM

IBM

Supervised Machine Learning: Regression and Classification

DeepLearning.AI

SKILLS

Programming Skills:

Node.js, Express.js, JavaScript, HTML, CSS, Python, MongoDB, SQL, REST APIs, Fast API, Java, Prompt Engineering, Android Development, Deployment, Git/GitHub

Soft Skills:

Communication, Adaptability, Problem Solving, Team-work, Collaboration, Time Management, Critical Thinking

EDUCATION

M.Sc. Computer Science

M.E.S. Abasaheb Garware College, Pune
Pune
GPA: 8.33
07/2024 – Present

B.Sc. Computer Science

P.V.G's College Of Science and Commerce
Pune
GPA: 8.58
07/2021 – 03/2024

PROJECTS

Intelligent Road Hazard Detection System • 01/2024 – 03/2025

MES Abasaheb Garware College Pune

- Built a real-time road hazard detection system using **React** and **Fast API**, integrating **YOLO** to accurately identify potholes, speed bumps, and living beings with over **95% detection accuracy**.
- Simulated **emergency braking responses** based on live **video feed analysis**, improving obstacle detection and reaction time by **70%**.
- Displayed real-time **hazard alerts** to notify users instantly of nearby dangers.
- Mapped over **10 hazard zones** using the **TomTom Maps API**, and automated **email reports with GPS coordinates** to local authorities, reducing manual reporting time by **80%**.

Ecommerce Website • 02/2024 – 03/2024

PVG's College Of Science and Commerce

- Built an e-commerce platform using **PHP, JavaScript, HTML, CSS**, and **SQL** with a clean and responsive UI.
- Implemented **secure login** using **MD5 encryption** for user authentication.
- Designed and managed a **MySQL database** for products, users, and orders.
- Integrated **IBM Watson chatbot** for automated customer support simplified navigation by 80%.
- Implemented **Stripe API** for 95% secure online payments.
- Added features like **product search, shopping cart**, and **order confirmation** to improve user experience by 60%.