

Uttam Kumar Shetty

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SUMMARY

Enthusiastic software developer skilled in full-stack web development and optimizing scalable applications. Proficient in JavaScript, Python, and frameworks like React.js and Node.js. Experienced in designing scalable web applications and HTTP APIs using Python, JavaScript, and frameworks like React.js and Node.js. Demonstrated ability to work in dynamic, fast-paced environments.

EXPERIENCE

ML/AI Intern

Compsoft Technologies PVT Ltd

October 2023 - December 2023, Bengaluru

- Designed and optimized machine learning models with TensorFlow and PyTorch for predictive analytics, achieving a 92% accuracy rate on models processing over 100,000 data points.
- Collaborated with cross-functional teams to preprocess and analyze datasets of over 1 million records, ensuring high-quality input data that improved model accuracy by 20%.
- Enhanced system efficiency by reducing training time from 3 minutes to 20 Seconds, a 40% improvement, during a 5-week project.

PROJECTS

GYAN Ed-Tech

gyan-six.vercel.app/ • April 2024 - August 2024

- Engineered a scalable Ed-Tech platform using MongoDB, Express.js, React.js, and Node.js, reducing data retrieval time by 30% and supporting 500+ concurrent users.
- Built and tested RESTful APIs for efficient front-end/back-end communication, reducing data retrieval time by 30% using Node.js and Express.js.
- RESTful APIs for efficient front-end/back-end communication, reducing data retrieval time by 30%, and tested them using Postman.
- Improved course analytics and instructor earnings tracking, resulting in a 40% increase in instructor engagement.
- Integrated Razorpay for secure payments, reducing payment processing time by 25% and enhancing the user experience.

Automated car parking using ml

Compsoft Technologies • github.com/Clean8876/Automated-car-parking-using-ml • October 2023 - December 2023

- Implemented real-time detection of vehicle license plates, ensuring fast and accurate identification.
- Optimized the pipeline, reducing recognition time by 20%, resulting in faster real-time performance.
- Engineered a vehicle license plate recognition system with Python, OpenCV, and Tesseract OCR, improving accuracy by 92%.
- Achieved real-time detection and optimized recognition time by 20%.

Logs

github.com/Clean8876/Logs • June 2023 - July 2023

- Created a full-stack blog platform with CRUD functionality using Django and SQLite3.
- Improved user engagement by 25% through a more intuitive interface using Django's templating engine.
- Optimized database queries and implemented caching, reducing page load times by 30%.

EDUCATION

Master of Computer Application

East west Institute of Technology • Bengaluru • 2024 • CGPA: 7.9/10

Bachelor of Computer Application

Acharya Institute of Technology • Bengaluru • 2021 • CGPA: 6.6/10

SKILLS

Languages: Python, JavaScript, TypeScript, Java

Frameworks: Django, React.js, Node.js, Express.js, Redux Toolkit, Tailwind CSS, Material UI

Databases: SQL, PostgreSQL, MongoDB

Tools: Git, GitHub, Postman, Version Control, Agile Development, CI/CD Tools

Software designs: object oriented programming(oops), design pattern, Algorithms, Data Structures

AI/ML: PyTorch, TensorFlow, OpenCV, Pandas

Cloud Services: Cloudinary, Razorpay Integration