Ashish Shethia

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EDUCATION

Northeastern University   *Boston, MA*
Master of Science in Information Systems, (GPA: 3.7/4)   *Expected May 2024*
Coursework: Application Development, Web design, Database design, Program Structure and Algorithms.

Shah and Anchor Kutchhi Engineering College, University of Mumbai   *Mumbai, IN*
Bachelor of Engineering in Computer Engineering, (GPA: 8.54/10)   *Aug 2018- May2022*
Coursework: Python Programming, Big Data Analytics, Database Management Systems, Object-oriented Programming.

EXPERIENCE

Blue Eye Soft Corp, *South Carolina, US*   *Feb 2021 – Sep 2021*
Software Research Intern (Remote)
- Collaborated with team of 4 and ideated a software for Asteroid detection model with an accuracy of 89% by training the model on a custom dataset with over 1000 images and predicted threat an asteroid can poses towards satellite
- Demonstrated use of different Python libraries such as NumPy for calculating astrometric parameters of asteroid
- Implemented fastest neural network YOLO (You Only Look Once) for object detection and reduced the lead time of the overallproject by 20% as Yolo processed the image at 45 frames per second
- Authored and published 2 research paper at Amos International Conference in September 2021

Creative Finserve Pvt. Ltd, *Mumbai, IN*   *Sep 2020 – Sep 2021*
Web Developer Intern
- Coordinated a team of 6 for developing robust CRM incorporating features like, user specific statutory forms and self-assessing loan eligibility for clients seeking loan and also for company to manage its financial loan disbursement functions
- Designed a dynamic UI leveraging Bootstrap which is easily customizable and provides responsive classes using Django
- Employed database with MySQL on PythonAnywhere server for handling live database and enabled data synchronization where details of registered customers are stored and handled securely improving scalability up to 30%
- Build algorithm for Comparing loan criteria assuring users to get deals at minimum 5% less compared to global market

SKILLS

Programming Languages: Python, C, PHP, SQL, Java, JavaScript | UI/frontend: HTML, CSS, React.
Frameworks and Tools: Bootstrap, Django, YOLO, GIT, NetBeans, Postman, Google Collab, Swing.
Database: MySQL, MongoDB, Oracle.

ACADEMIC PROJECTS

University System Management| Java, Swing, NetBeans, MySQL | GitHub   *Sep 2022 - Dec 2022*
- Developed a multi-level enterprise-based application, consisted of 4 enterprises, 8 organization and 8 roles in Java utilizing Swing application for UI and MySQL as database, improving access to information among different organization and users
- Structured a portal enabling seamless navigation, it focused on response and request of users,
- Developed a back-end where data is updated in real-time, scalable to thousands of users

Tree Trips: Travel Beyond| React, NodeJS, Mongo dB, Bootstrap | GitHub   *Sep 2022 – Dec 2022*
- Designed a MERN Stack website focused on helping users to get best deals on hotel accommodations. Also, accomplished a secure JWT session-based Authentication ensuring 100% authorization and authentication
- Leveraged React Native and Bootstrap for a more responsive user interface boosting website performance by 15%
- Executed transparent and secured payment option by utilizing Stripe checkout and led to an increase in efficiency by 30%

Cinema booking System | Python, HTML, CSS, Bootstrap, MySQL   *Nov 2020 - May 2021*
- Coded a dynamic and scalable website for movie reservation, enables users to buy tickets online at discounted price
- Established a website incorporating new features like live trailers, description of movie and to make the website interactive users gave feedbacks which were used as ratings and reviews by another user before booking tickets

EXTRA-CURRICULAR

- **Certification Courses:** Python, C, PHP and MySQL, Git in 2019, 2020 and 2021 offered by IIT Bombay
- Volunteered as a Member of CSI (Computer Society India) committee in undergrad 2019. Participated and won 2nd prize in IOT competition for building RFID scanner using Node MCU