Mayuresh Kshirsagar

🌐 Portfolio

📞 +91-7057375735 ✉ iammayureshkshirsagar@gmail.com in Linkedin ⌗ Github

Profile Summary

As a driven Full Stack Developer with 2 years of experience, I specialize in building responsive, user-friendly interfaces using React.js, HTML, CSS, and JavaScript, alongside developing robust backend systems with Node.js.

Education

College of Engineering, Pune   **August 2018 – May 2022**

B.Tech in Mechanical Engineering

Experience

Capgemini   **August 2022 – July 2024**

Associate Consultant(Full-Stack Developer)   *Bangalore*

- Collaborated with a major USA based **food services client** to develop and maintain a secure and scalable webapp.
- Worked on **POS Upgradation** to improve transaction speed and reliability, integrating modern technologies for seamless operation. Utilized **Git** for version control, ensuring efficient collaboration and code management across the team.
- Worked on **modular front-end components** using **React** to enhance maintainability and scalability.
- Implemented **TDD methodologies** to ensure code quality and maintainability. Developed and executed unit tests, achieving a **95% test coverage rate**, which significantly reduced bugs and improved application stability.
- Implemented performance optimizations to reduce page load times and enhancing overall application speed and responsiveness. Utilized **Redux** for efficient state management
- Increased **data retrieval efficiency by 20%** through optimized queries and indexing.
- Designed and implemented a scalable, high-performance **Node.js API** that improved the overall speed and reliability of the company's web application by **25%**.
- Built and maintained **3 micro-services**, facilitating seamless integration across different product lines.
- Provided continued maintenance and development of **bug fixes and patch sets** for existing web applications

Intelligent Mobility Labs   **August 2020 – August 2021**

Machine Learning Engineer Intern   *Bangalore*

- Developed and implemented **object detection** models using YOLOv4, achieving a mAP of 78% on the Indian Driving Dataset dataset.
- Enhanced **object tracking** performance using DeepSORT, improving the MOTA by 15%.
- Conducted hyperparameter tuning and applied data augmentation techniques to improve model robustness and generalization, leading to reduction in false negatives.

Projects

Office Pulse | WebApp

- Developed an **internal organizational tool** designed to enhance employee collaboration, communication, and idea sharing within the company.
- Implemented secure **JWT-based authentication** and authorization, ensuring that only authorized employees have access to sensitive information and specific actions.
- Built a follow/unfollow system allowing employees to curate their personalized feeds, keeping up-to-date with colleagues' latest news and updates, with dark and light mode options to cater to user preferences.
- Integrated a **real-time chat application** with image support and seen/unseen status for messages, facilitating efficient communication between employees.
- Tech stacks: React, Chakra UI, Socket.io, NodeJS, ExpressJS, MongoDB

Thrift Oasis | WebApp

- Developed a comprehensive full-stack **expense tracker** application designed to manage and monitor all user expenses effectively.
- Implemented robust user authentication using **Passport.js**, with session management handled via **MongoDB session** store to ensure secure and persistent user sessions.
- Architected and developed a **scalable GraphQL API** using Node.js, Express.js, and **Apollo Server** to handle complex queries and mutations, optimizing data retrieval and manipulation.
- Tech stacks: React, TailWind CSS, ChartJS, GraphQL, NodeJS, ExpressJS, MongoDB

Technical Skills

Languages: Java, JavaScript, HTML/CSS, SQL
Frameworks: React, tailwind-css, Express
Databases: MongoDB, MySQL
Non Technical Skills: Team Work, Problem Solving, creative thinking

Certifications

- **Programming with JavaScript, Meta**   Certificate

- **Advanced React, Meta**   Certificate

- **MongoDB SI Associate**   Certificate

- **MongoDB SI Architect**   Certificate