Mayuresh Kshirsagar

Accomplished professional with 2 years of experience in Software Development, targeting opportunities as a Full-stack Developer with a focus on Back-end and Front-end Development roles.

Contact

✉ iammayureshkshirsagar@gmail.com

📱 8147825735/7057375735

in Mayuresh-Kshirsagar

🌐 Mayuresh-Kshirsagar-Portfolio

Core Competencies

- Front-end Development
- Back-end Development
- Database Management
- User Interface Design
- Agile Methodologies
- Functional Testing
- Requirement Analysis
- Software Development
- Web Development

Tools

- **Languages:** Java, JavaScript, HTML, CSS, SQL
- **Frameworks:** React, Tailwind-CSS, Express
- **Databases:** MongoDB

Education

- **B.Tech. in Mechanical Engineering**
  College of Engineering, Pune
  August 2018-May 2022

Certifications

- Programming with JavaScript, Meta Certificate
- Advanced React, Meta Certificate
- MongoDB SI Associate Certificate
- MongoDB SI Architect

Soft Skills

- Teamwork

Profile Summary

- **Extensive knowledge of the Software Development Lifecycl**e right from requirement analysis, documentation (functional specifications, technical design), coding, and testing (preparation of test cases along with implementation) to the maintenance of proposed applications.
- **Effective in developing solutions for given technical specifications**; installing application software and deploying customizations; contributing to code reviews.
- **Excellence in evaluating end-user requirements** and troubleshooting for complex problems, analyzing bug patterns, and providing insights and practices to the development team for the prevention of high-priority/severity bugs.
- **Experienced in developing ideas for new programs**, products, or features by monitoring industry developments and trends.
- Hands-on experience in collaborating with stakeholders across the organization to discuss the needs, design, and functionality of a website or interface.
- **Highly skilled in ReactJS, NodeJS, Java, JavaScript, and modern web practices,** with expertise in performance optimization, user experience enhancement, and the application of machine learning algorithms, including object detection and tracking.

Work Experience

Capgemini, Bangalore | Aug'22-Jul'24
Growth Path:
Sr. Analyst (Full-Stack Developer)
Associate Consultant (Full-Stack Developer)

Key Result Areas:
- Collaborated with a major USA-based food services client to develop & maintain a secure & scalable web application.
- Worked on POS Upgradation to improve transaction speed and reliability, integrated modern technologies for seamless operation.
- Utilized Git for version control, and ensured efficient collaboration code management across the team.
- Worked on modular front-end components using React to enhance maintainability & scalability.
- Ensured code quality and maintainability by implementing TDD methodologies and developing and executing unit tests.
- Implemented performance optimizations to reduce page load times and enhance overall application speed and responsiveness. Utilized Redux for efficient state management.
- Designed and implemented a scalable, high-performance Node.js API to improve the overall speed and reliability of the company's web application.

Highlights:
- **Achieved a 95% test coverage rate** through TDD, reduced bugs, and improved application stability.
- **Increased data retrieval efficiency by 20%** through optimized queries and indexing.
- **Improved the overall speed and reliability of the web application by 25%** through the implementation of a high-performance Node.js API.

- Problem-solving
- Critical Thinking
- Detail-oriented

- **Built and maintained 3 microservices** that facilitated seamless integration across different product lines.
- **Provided continued maintenance and development** of bug fixes and patch sets for existing web applications.

Personal Details

- **Date of Birth:** 10th September 2000
- **Languages:** Marathi, Hindi and English
- **Address:** Bangalore, Karnataka

Internship

Perception Engineer Intern | Intelligent Mobility Labs, Bangalore |Aug'20-Aug'21
Key Result Areas:
- Developed YOLOv4-based object detection models, and achieved 78% mAP on the Indian Driving Dataset.
- improved object tracking performance using DeepSORT, increased the MOTA by 15%.
- Enhanced model robustness and generalization through hyperparameter tuning and data augmentation techniques, reduced false negatives

Personal Projects

Office Pulse | WebApp
Tech Stack: React, Chakra UI, Socket.io, NodeJS, ExpressJS, MongoDB
- Developed a company-wide tool aimed at improving employee interaction, communication, and idea sharing.
- Implemented robust JWT-based authentication and authorization to ensure that sensitive information and actions were accessible only to authorized employees.
- Created a follow/unfollow mechanism to allow employees to customize their feeds and stay current with colleagues' updates, including options for dark and light modes.
- Added a real-time chat feature with support for images and message status tracking, promoting efficient communication within the team.

Thrift Oasis | WebApp
Tech Stack: React, TailWind CSS, ChartJS, GraphQL, NodeJS, ExpressJS, MongoDB
- Built an all-encompassing expense tracker application with full-stack functionality to streamline expense management & monitoring.
- Secured user authentication through Passport.js, with MongoDB session store managing session persistence to ensure safety and reliability.
- Architected a GraphQL API using Node.js, Express.js, and Apollo Server, designed to manage complex data queries and mutations, optimized both data retrieval and manipulation.