Shreyansh Tripathi

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Experience

SmartBear Aug 2024 – Sept 2024
Associate Software Engineer (Internship) *Bengaluru, India*

- Developed CricBear web app using React.js, Spring Boot, MySQL; increased user engagement by 25%
- Implemented user management, team scheduling, match rescheduling; improved app efficiency by 30%
- Integrated authentication using 'dotequals', reducing unauthorized access by 95%
- Utilized GitHub and Trello, increasing team productivity by 20%

Independent Freelancer Nov 2023 – Present
Full Stack Developer *Remote*

- Developed Geospatial-App using React and Leaflet.js, enabling 40% faster geographical data processing
- Created ShapeXtrusion, a 3D modeling tool with Babylon.js, reducing design time by 50% for clients
- Implemented drag-and-drop interfaces and real-time updates, improving user experience by 45%
- Managed multiple client projects simultaneously, maintaining 95% client satisfaction rate

MSG Global Solutions May 2023 – Oct 2023
Full Stack Developer(Internship) *Bengaluru, India*

- Built responsive web apps with Spring Boot, React.js, Java, JavaScript; 35% increase in user satisfaction
- Led development sprints, reducing release cycles by 20%
- Standardized code practices, improving stability by 30% and reducing bugs by 25%
- Introduced code reviews, enhancing quality from 67% to 90%

Projects

CricBear App Aug 2024

- Developed role-based access control system for administrators, coaches, and public users
- Architected dual-dashboard system with React.js and Spring Boot, enabling 40% faster tournament management
- Implemented real-time match updates using WebSockets, increasing user engagement by 35%.
- Engineered scalable tournament handling system supporting simultaneous dashboard execution

ExamFlow: All in One ExamManager Dec 2023

- Built comprehensive exam platform using MongoDB, Express.js, and JWT authentication
- Implemented Docker containerization and environment variable configuration, reducing deployment time by 50%
- Developed automated admin user creation system and role-based dashboards (students,teachers and admin)
- Engineered caching system reducing server load by 30%, supporting concurrent test-taking for 1000+ users

Education

Visvesvaraya Technological University 2019 – 2023
B.E. in Computer Science of Engineering *Bangalore, Karnataka*

Technical Skills

Languages: Java, JavaScript, Python, C++, Go, TypeScript
Web: React.js, Node.js, HTML5, CSS3, Express.js, Redux
Databases: MongoDB, MySQL, PostgreSQL
Frameworks: Spring Boot, Hibernate, JUnit, Jest
Cloud & DevOps: Docker, AWS, Azure, GCP, Kubernetes
Other: Socket.IO, GraphQL, WebRTC, Git, Agile methodologies

Awards & Certifications

- Solved over 1000+ problems on LeetCode
- Certifications: Modern React with Redux (Coursera), MERN Stack (Udemy), AWS Certified Developer
- First place in University-wide Hackathon for innovative IoT solution