Bhavik B

Senior Software Developer, 6+ years experience
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I am a Full Stack Developer with 6+ years of experience in building robust, scalable, and high-performance web applications. With strong analytical skills and a continuous learning approach, I aim to contribute effectively to organizational growth by leveraging my technical expertise in modern web technologies and AI integrations. Extensive experience in frontend development using ReactJS, NextJS, HTML, CSS, JavaScript, and TypeScript. Strong expertise in backend development with NodeJS, ExpressJS, and NestJS, designing scalable APIs and microservices. Skilled in AI API development and integration using OpenAI, including prompt engineering, intelligent automation, and real-time AI workflows. Solid understanding of design patterns, accessibility standards, and clean code principles. Hands-on experience in Agile development methodologies, delivering projects in iterative sprints. Proficient in working with databases such as MongoDB, PostgreSQL, MySQL, and Firebase Realtime DB. Experienced with cloud and server technologies, primarily AWS services including S3, Lambda, Event Bus, CloudWatch, and Elastic Beanstalk. Adept at collaborating with cross-functional teams, troubleshooting complex issues, integrating third-party APIs, and ensuring high-quality, production-ready delivery.

INDUSTRIES: OTT Entertainment Platform, AI Computer Vision Safety Compliance, AI powered Demo and Data Capture Platform

TECHNICAL SKILLS

• React js	6 years
• Github	6 years
• JavaScript	6 years
• API Integration	5 years
• Cypress	4 years
• Context API	4 years
• Redux	4 years
• Performance optimisation	3 years
• TypeScript	3 years & 5 months
• Next JS	3 years
• TailwindCSS	3 years
• CSS	3 years
• HTML	3 years
• Bootstrap	3 years

SOFT SKILLS

Communication, Critical thinking

PROJECT DETAILS

• Sony Liv

Project Description: Sony Liv is a leading OTT platform delivering entertainment services to consumers. It offers a wide range of web series, movies, and exclusive content to users across multiple devices.
Responsibilities: Led a team of three developers, overseeing planning, task allocation, progress tracking, and quality management. Understood and refactored the existing backend structure, successfully migrating critical backend modules from Java to NodeJS for improved scalability and maintainability. Designed and implemented a Circuit Breaker pattern to handle load distribution and ensure high availability of main services. Transformed the Java-based Playback Service into NestJS, achieving enhanced performance and modularity. Wrote optimized, logical code for both backend services and integrations to support high-volume streaming traffic. Set up and managed support functions such as planning, reporting, and quality control to align with Agile delivery goals. Acted as a bridge for internal and client communications, ensuring technical progress was transparent and stakeholder expectations were met.
Technologies: ReactJS, GraphQL, NodeJS, NestJS, Microservices Architecture, Redis, AWS Elastic Search
Industry: OTT Entertainment Platform

• PPE Detection

Project Description: PPE Detection is an AI-powered real-time safety compliance monitoring system designed to detect and track individuals wearing or missing essential Personal Protective Equipment (PPE) such as helmets, vests, gloves, and masks. The system captures images at defined intervals and uses custom Node.js AI APIs with OpenAI models to analyze visual input for PPE compliance. All detections are logged in structured JSON format and stored in MongoDB for audit, reporting, and analytics. It integrates YOLO-based face detection to identify and register individuals for further tracking. A React-based frontend allows real-time monitoring and visualization of alerts, compliance data, and reporting dashboards.
Responsibilities: Designed and developed custom AI APIs using Node.js and OpenAI package for real-time PPE detection and facial recognition. Integrated YOLO-based face detection models to identify individuals and associate them with PPE compliance status. Built React frontend for real-time monitoring dashboards, visualization of detections, and compliance reporting. Architected and optimized MongoDB schema for efficient storage, retrieval, and analytics of detection data. Implemented automated image capture and logging mechanisms to generate structured JSON records for further processing. Optimized AI API performance for low-latency inference and seamless integration with external microservices. Conducted root cause analysis and troubleshooting to improve system reliability, accuracy, and response time. Collaborated with cross-functional teams to ensure scalable, secure, and production-ready deployment of the system
Technologies: React.js, Node.js, OpenAI package, Custom AI APIs, MongoDB, AWS
Industry: AI Computer Vision Safety Compliance

• Saleo Capture

Project Description: Saleo Capture is an AI-driven platform with a browser extension designed to help sales and presales teams deliver compelling software or website demonstrations. It allows users to extract data from selected URLs, present tailored demos to clients or prospects, annotate interfaces, and display detailed descriptions of functionality and action items during demonstrations
Responsibilities: Designed and developed the V2 version of the portal as part of a major revamp, improving UI/UX and backend scalability. Implemented responsive, modern UI using Tailwind CSS, ensuring consistency across the extension and web application. Developed a React-based Chrome extension enabling users to seamlessly capture and display demo content from multiple web pages. Implemented secure data handling and optimized performance for large datasets. Integrated AI-powered descriptions to automatically display relevant details for captured action items. Designed and optimized backend services with NodeJS to support high-volume requests. Managed large-scale datasets using AWS DynamoDB Maintained active client communication to gather feedback, present progress, and align development milestones with business goals
Technologies: : ReactJS, Tailwind CSS, React Chrome Extension, NodeJS, DynamoDB, AWS
Industry: AI powered Demo and Data Capture Platform

EDUCATION

• Diploma degree in Engineering from University 2015 - 2018

LANGUAGES

• English - advanced

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