YOGESH "CYRUS" SHRESTHA

Mechanicsburg, PA 17050 |+1-717-609-3963 | shrestha.yogesh@outlook.com | LinkedIn | Portfolio

Experienced Full Stack Developer with about 4 years of experience in developing responsive, user-friendly web applications. Expertise in React, Next.js, and Tailwind CSS, with experience building dynamic components, optimizing UI/UX, and implementing real-time features. Proficient in backend integrations using Node.js, SpringBoot, Express, ensuring seamless data flow and system reliability. Successfully contributed to building scalable solutions like an EMR system and a moving platform. Experienced in Agile teams, delivering end-to-end solutions from design to deployment, supported by robust testing practices.

SOLID • Frontend / Backend Development • Test Driven Development • Web Services
• Object Oriented Programming • Dependency Injection • UI/UX

Languages: JavaScript, TypeScript, Java
Web: React.js, Redux Toolkit (RTK), Zustand, Material-UI, TailwindCSS, HTML, CSS
Web Services: REST, GraphQL
Frameworks: Next.js, Node.js, Express, Spring (Boot, Web, Data JPA)
Databases: Firebase, Dgraph, MySQL
SDLC: Agile / Scrum
Tools: Maven, Postman, VS Code, Vercel, Docker, Jenkins, Git, Trello, Cypress, Star UML, Figma
Platforms: Windows, Linux
Cloud Services: AWS (Lambda, API Gateway, DynamoDB, S3, CloudFront, Cognito)

PROFESSIONAL EXPERIENCE

LABORHUTT.COM, Dallas, TX, USA • 10/2024 – 01/2025
Marketplace for businesses and consumers to move furniture and heavy items by connecting with trucks owners.

Software Engineer Intern
Developed and optimized key features for Laborhutt.com, leveraging Next.js, Firebase, Tailwind CSS, TypeScript, Vercel, and Google Maps to build dynamic, responsive, and user-friendly interfaces for furniture and heavy items moving platform.

- Collaborated with the design team to implement UI Figma mockups into responsive front-end code using Next.js, Tailwind CSS, resulting in a 20% increase in user engagement on mobile devices.
- Upgrade the existing Stripe payment workflow by transitioning from instant charge deductions to manual capture system, enabled customers to authorize and confirm transactions before they were finalized, improving transaction accuracy, reducing refund disputes, and enhanced the overall payment experience for customers, movers, and the company.
- Developed dynamic URL-based cost calculator functionality using Next.js and Firebase, enhancing SEO by generating location-specific search results. Implemented caching for faster load times, driving organic traffic and improving visibility in relevant search queries.
- Managed and resolved build issues on Vercel, ensuring smooth deployment of updates and features. Troubleshot build failures, optimized deployment pipelines, and ensured efficient production workflows for continuous integration and delivery.

Technologies Used: *Next.js, TypesScript, JavaScript, Tailwind-CSS, Firebase, Stripe, Vercel, Framer Motion, Cypress, Google-maps, Chart.js, Redux, Mixpanel, Twilio, OpenAI, Jira*

WISEYAK SOLUTIONS PVT. LTD., Kathmandu, Nepal • 08/2021 – 07/2023
A healthcare technology company that harnesses the power of AI and ML to enhance the healthcare industry.

Full Stack Developer
Core contributor to WiseMD, a HIPAA and HL7-compliant AI-powered EMR system built using FHIR standards to capture, visualize, and analyze patient medical data.

- Developed and maintained key components of the EMR system, including a comprehensive Inventory Management System leveraging FHIR resources (Medication, MedicationKnowledge), improving system functionality and compliance.

- Designed and implemented an innovative dynamic form-builder for creating complex nested forms tailored to department-specific requirements. Integrated React Flow, React DnD for intuitive drag-and-drop functionality, simplifying the form creation process and enhancing user productivity.
- Built dynamic and reusable React components for WiseMD v2, migrating the system from legacy technology to React, improving scalability and maintainability.
- Enhanced user experience by optimizing UI/UX for multi-nested fields in forms, reducing complexity, and developing standardized UI kits and components in Storybook, accelerating development cycles and ensuring design consistency across the application.
- Implemented real-time updates using WebSockets for patient reports and lab results, streamlining communication between doctors and departments and improving decision-making efficiency.
- Ensured high code quality and reliability by writing comprehensive unit tests and end-to-end tests with Cypress. Collaborated closely with cross-functional teams, including product, design, and QA, within an Agile Scrum framework, ensuring timely delivery of robust features.

Technologies Used: *React.js, JavaScript, Material-UI, Storybook, Zustand, Dgraph, Ramda, Node, Cypress, FHIR, Postman, Docker, Jenkins, Keycloak*

F. FIVE ENTERPRISES PVT. LTD., Pokhara, Nepal • 11/2019 – 07/2021
An IT company for building solutions for web applications.

React Developer
Developed School Management System (SMS) with responsive user interfaces using React.js, HTML, and CSS, increasing user engagement.
- Converted designs and wireframes from Figma into high-quality code using HTML, CSS, JavaScript and Material UI, improving user interaction and visual appeal.
- Optimized React components for maximum performance across various devices and browsers, enhancing the user experience.
- Implemented scalable backend components using Java and Spring Boot for efficient data management.
- Integrated third-party APIs, such as payment and SMS gateways, expanding system features and user satisfaction.
- Integrated GitLab CI/CD pipelines for automated JavaScript app builds and deployments, enhancing delivery efficiency.

Technologies Used: *React.js, Redux Toolkit, Redux, JavaScript, Material-UI, Node.js, Maven, Hibernate, Java, Spring Boot, Spring Data JPA, Spring Security, Spring Web, MySQL*

ACADEMIC PROJECTS
Cafofo Real Estate Property Management System Full Stack
Maharishi International University (2024)
Technologies Used: React.js, Redux, Redux Toolkit, Material UI, Node.js, Spring Boot, Spring Security, Spring Data JPA, Spring Web, PostgreSQL, JPQL, Hibernate, Postman, Docker

Hotel Reservation System Backend
Maharishi International University (2023)
Technologies Used: Spring Boot, Spring Security, Spring Data JPA, Spring Web, MySQL, JPQL, Hibernate, Postman

News Portal Full Stack
Maharishi International University (2023)
Technologies Used: React.js, Node.js, Express, Prisma, PostgreSQL, Docker, Postman

EDUCATION
Master of Science in Computer Science
(In progress via distance education; expected completion 04/2026)
Maharishi International University, Fairfield, Iowa

Key Courses: Web Application Architecture, Enterprise Architecture, Algorithms, Cloud Computing

Bachelor's degree in Computing
London Metropolitan University, London, England (2021)