Ishab

Full Stack Engineer

Summary

Skilled Software Engineer with 6+ years of hands-on experience building, testing, and optimizing mobile and web-based applications for diverse industry organizations. Knowledgeable in identifying core technical problems, finding better solutions to existing problems, and maintaining development velocity by creating processes and regulating them. Capable of visualizing goals, prioritizing them based on general importance, and conquering them together with the team. Driven individual with the ability to adapt to any situation and proven potential to grow self and others.

Technical Skills

Languages and Scripts: Javascript, TypeScript, C- Programming, Elixir, C#
Frameworks and Libraries: React, React-Native, Node.js, phoenix, Dot Net
Database: MongoDB, PostgreSQL, CosmosDB
VCS: Git, Github, Bitbucket, Gitlab,
Cloud services: EC2, S3, Code Pipeline, Code Deploy, Azure DevOps
Collaboration: JIRA, Slack, Zoho, Azure Devops
Methodology: Agile, Waterfall,

Professional Experience

Senior Software Engineer   **(August 2022 -April 2025)**

- Design Principle, Design Thinking, and Design Pattern implementation
- Security Controls Implementation ensures that encryption, access controls, authentication mechanisms, and other security measures are properly implemented.
- Incident Response and Monitoring, implementing intrusion detection systems, monitoring logs and network traffic, and reporting as they happen.
- Collaboration and communication ensure clients' requirements are thoroughly understood and met through communicating security risks, incidents, and mitigation strategies within cross-functional teams.

Teaching Assistant   **(March 2022 - August 2022)**

- Lecturer in C- Programming
- Bootcamps and training in Git Web Development and Mobile Application Development
- Advanced training on Node and React-Native like JS frameworks.
- Career counseling and helping students to bridge educational knowledge to their career path.

Entrepreneur / Chief Technical Officer   **(April 2019 - March 2022)**

- Technical Lead for a startup in the hospitality sector
- Market research data analysis and product development planning and strategy building
- Decision-making for the best technical practices and right tools selection for the product and the team
- Creating and maintaining a highly motivational environment and helping to bring the best out of individual members
- Adapt to rapid development and release of the system complying with continuous updates in the requirements
- Ensuring usage of proper design tools, design patterns, and standing coding practices with the right set of tools for testing and automation.
- Customer and Business meetings, requirement gathering, cracking deals and agreements with clients

Application Engineer   **(January 2018 - March 2019)**

- Application design and architecture development.
- UI/ UX research, analysis and implementation
- Creating a highly performant, rich in UI and UX, and a market-competitive cryptocurrency application
- Adapt to rapid development and release of the system complying with continuous updates in the requirements
- Ensuring usage of proper design tools, design patterns, and standing coding practices with the right set of tools for testing and automation.

Major Projects

Krane:

Krane.tech is an AI-driven platform that streamlines material management for the construction industry. It offers real-time tracking, automated coordination, and tools like the Delivery Board to ensure timely, efficient supply chain operations on job sites.

Roles:
- Lead RnD team on impactful areas like AI tools, microservices, OAuth.
- Proficiently managing DevOps and Microsoft portal tools to streamline development and operational tasks.
- Demonstrating expertise as a Fullstack developer, leveraging technologies such as Next JS, Go and similar technologies like PostgreSQL.
- Responsible for the development of new features, resolving bugs, addressing hotfixes, and managing technical debt items.
- Adhering to Agile development methodologies, conducting comprehensive code reviews, and deploying solutions across multiple environments for testing, production, quality assurance, and security.

Venteur:

Venteur helps employers provide the best possible health benefits for employees. Prepares business and helps people achieve a healthier future. Venteur's ICHRA solutions for companies empower employees to protect their health and be their best with flexible, individualized plans that are easy to understand and highly protective.

Roles:
- Collaborating closely with cross-functional team members to implement features and fulfill client requirements effectively.
- Proficiently managing DevOps and Microsoft portal tools to streamline development and operational tasks.
- Demonstrating expertise as a Fullstack developer, leveraging technologies such as React JS, C# (.NET), and similar technologies like Cosmos DB.
- Responsible for the development of new features, resolving bugs, addressing hotfixes, and managing technical debt items.
- Adhering to Agile development methodologies, conducting comprehensive code reviews, and deploying solutions across multiple environments for testing, production, quality assurance, and security.

Memora Health:

Memora helps to transform care delivery by meeting patients where they are and making healthcare more accessible, actionable, and always-on. Having raised $40 million to scale its complex care

delivery platform, which digitizes clinical and administrative workflows with its data-driven artificial intelligence technology.

Roles:

- Working under HIPAA compliance and maintaining integrity and data security.
- Collaborating with Implementation Managers and Clinicians People to address client's requirements and turning them into deliverables.
- Working in front-end and back-end using React JS, Node JS, MongoDB, and Docker-like technologies.
- Enroll, support, and enhance health providers and their features.
- Tech-debt items, Unit and Integration testing.
- Agile development methodology practice, code review, and multiple deployment environments for test/prod/QA and security.

Restaurant Management and POS System

Sathi Food provided an interface for the users to order food online through mobile and web applications. And a **Sathi POS** system for restaurants/ hotels with features for digital ordering, sales and finance tracking, staff management, inventory management, and data forecasting.
Roles:
- Collaborate with team members to figure out efficient and scalable data ingestion and analysis methods
- System architecture design and scalability code for the backend/engine of the application
- Develop the mobile application for Android and iOS using React-Native
- Use MongoDB as the database for scalability.
- Write efficient Mongoose queries for MongoDB
- Making code deploy pipelines and automation for deployment using AWS services
- Work in sync with frontend developers and backend developers to quickly release newer versions of the application
- Research and implementation of newer features that improve the overall performance of the application along with developer-friendly code
- Unit Test and Integration Testing.

Sathi Food Delivery App, Rider App and Restaurant App

Application made on top of **react-native** for user to order foods and drinks, for delivery riders to track the deliverables and deliveries and for restaurant owners for tracking orders, payments and sales.
Roles:
- Spearheading architectural planning and the establishment of robust infrastructure for projects.
- Orchestrating feature planning and meticulous release plans to ensure efficient project delivery.

- Conducting thorough security audits and coordinating bug bashes to enhance system reliability and data protection.
- Facilitating seamless collaboration with team members to drive feature implementation and monitor project progress.
- Personalizing the user experience by implementing UI/UX enhancements based on user profiles and their associated impacts.
- Rigorously performing unit and end-to-end testing to guarantee the quality and reliability of the software solution.

Cryptocurrency Wallet and Exchange Platform

Xcelpay wallet is the official crypto wallet for Xceltoken Plus. It's a D-App for storing popular cryptocurrency and erc-20 tokens with other features like swaps and offers from Xcelpay.
Coingeo/Xcel Exchange is the exchange platform for cryptocurrencies.

Role:
- Develop front-end applications.
- Collaborate with team members for UI/UX design.
- Write unit tests to maintain code integrity
- Refactor older codes and add new features to the existing application
- Continuously updated with the rapidly changing crypto environment

Finance Application

Merobill is a utility payment of Nepal services for people residing outside of the country. It bridges the gap between Nepal and international payment service providers.

Role:
- Develop mobile applications
- Collaborate with team members for UI/UX design
- Ensure proper security and privacy policies are enforced as developing the app
- Deployment and Release automation for iOS and Android

Education

Pokhara University
Bachelor of Software Engineering(BE Software), Nepal College Of IT (Pokhara University)

Certification

Advance Concepts on Data Structure, Routines and Architecture on GO
LinkedIn Certification

Soft Skills for Professional Success
IBM Certification

Interpersonal Skills
LinkedIn Certification