NADEERA SILVA

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Professional Summary (Professional Profile & Key Strengths)

Software Engineer with more than three years of experience designing and developing modern web and mobile applications. Experienced in building scalable full stack applications using React.js, Node.js, Express.js, TypeScript, React Native, Flutter, Firebase, MongoDB, MySQL, PostgreSQL, and AWS. Passionate about developing AI powered applications, integrating AI APIs, automation workflows, and cloud based solutions. Strong understanding of REST APIs, authentication, database design, serverless architectures, and modern Git based development practices. Highly motivated to contribute to innovative AI driven software products while continuously learning emerging technologies including Next.js, AI agents, and agentic workflows.

Core Skills (Key Competencies)

- Full Stack Web Development
- Responsive Web Design
- Frontend Development
- Problem Solving
- Backend Development
- Software Architecture
- REST API Development and Integration
- Agile Software Development
- AI Application Development
- Version Control with Git
- AI Agent Integration
- Performance Optimization
- Cloud Application Development
- Debugging and Troubleshooting
- Database Design and Management
- Team Collaboration
- Authentication and Authorization
- Technical Communication

Professional Experience (Work History)

Freelancer

Fiverr | September 2021 to Present

- Designed full stack applications using React.js, Node.js, Express.js, TypeScript, React Native, Flutter, and Firebase.
- Built secure REST APIs with authentication, authorization, and database integration.
- Developed scalable backend services using MongoDB, MySQL, PostgreSQL, and Firebase Firestore.
- Integrated third party APIs including payment gateways, authentication providers, AI services, and cloud platforms.
- Implemented cloud deployments using AWS services and serverless architectures.
- Developed AI powered features using OpenAI APIs, automation workflows, and conversational assistants.
- Collaborated with clients through GitHub version control and Agile development practices.
- Delivered production ready applications with responsive UI, optimized performance, and maintainable code.

Associate Software Engineer

Epedia (PVT) LTD | September 2023 – Present

- Developed and maintained cross platform mobile applications using Flutter and Dart with Firebase backend integration.
- Integrated RESTful APIs to enable secure communication between mobile applications and backend services.
- Implemented Firebase Authentication, Cloud Firestore, and cloud storage for user management and real time data synchronization.
- Collaborated with backend developers to design, test, and consume scalable APIs while ensuring reliable data flow across applications.
- Worked with cloud based backend services to implement authentication, notifications, file uploads, and application data management.
- Optimized application performance through efficient state management, asynchronous API handling, and database query improvements.
- Participated in code reviews, Git based version control, debugging, and Agile development processes to deliver high quality software.

Software Engineering Intern

Cyber Craft (PVT) Ltd | January 2022 to August 2023

- Developed responsive web applications using React.js, Node.js, Express.js, and JavaScript.
- Built reusable frontend components and RESTful backend APIs.
- Implemented authentication, authorization, and role based access control.
- Worked with MongoDB and MySQL for application data management.
- Participated in Agile software development, sprint planning, testing, and peer code reviews.
- Used Git and GitHub for collaborative software development.
- Contributed to blockchain based prototype development and API integrations.
- Improved application performance and code maintainability through continuous refactoring and testing.

Education (Academic Background)

BSc (Hons) in Computing (Software Engineering)

Cardiff Metropolitan University | 2024 – 2026

- Completed with Second Class Upper Division honors specializing in Computer Software Engineering.

Higher National Diploma in Software Engineering

NIBM | 2023 – 2024

- Successfully completed comprehensive training in Computer Software Engineering principles.

Diploma in Computer System Design

NIBM | 2022 – 2023

- Attained a 3.70 GPA while studying fundamental Computer Science and system architecture.

St. John Paul II English Medium College | 2021

GCE O/L (Passed) and GCE A/L (Science Stream - Maths) - English Medium

Technical Skills (Frameworks, Languages, & Tools)

- **Programming Languages:** JavaScript, TypeScript, Java, PHP, Dart, C#, SQL
- **Frontend:** React.js, Next.js, React Native, Flutter, HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express.js, REST APIs, Firebase Functions
- **Databases:** MongoDB, PostgreSQL, MySQL, SQLite, Firebase Firestore
- **Cloud and DevOps:** AWS, Firebase, Docker, Git, GitHub, Vercel, Netlify
- **AI and Automation:** OpenAI API, AI Agent Integration, Prompt Engineering, n8n, AI API Integration, Workflow Automation
- **Tools and Platforms:** Visual Studio Code, Postman, Figma, Expo, Android Studio, Jira

Languages (Spoken & Written Proficiency)

- **Sinhala:** Native
- **English:** Fluent
- **Tamil:** Conversational