Arjun Bhandari

+977 9847014289 | **arjunbhandari3773@gmail.com** | **Website** | **LinkedIn** | **GitHub**

Summary:

Experienced full-stack engineer with 4+ years of expertise in TypeScript, Node.js, Express, and API integration (REST/GraphQL). Skilled in PostgreSQL, MongoDB, and Firebase, with a solid understanding of system design and infrastructure architecture. Built responsive UIs with React.js and Tailwind, as well as mobile apps using Flutter. Proficient in version control and Agile development practices.

Skills:

Languages: JavaScript, TypeScript, Python, Dart, C/C++
Frontend: React.js, Next.js, HTML5, CSS3, Tailwind, Material UI, Ant Design, Bootstrap
Backend: Node.js, Express.js, NestJS, REST, GraphQL, Microservices
Mobile: Flutter
Databases: PostgreSQL, MySQL, MongoDB, Firebase
Cloud & DevOps: AWS (Lambda, S3, SQS, SES), Docker
Tools: Git, GitHub, GitLab, Bitbucket, JIRA, Slack
Methods: Agile, Iterative

Work Experience:

Leapfrog Technology, Inc.   **(Jan 2022 - Present)**
HQ: Seattle, WA 98103, USA

Role: Senior Software Engineer

- Contributed to a medical healthcare web application adhering to **HIPAA** compliance.
- Designed, implemented, and maintained application features to meet clients' requirements.
- Involved in requirements analysis, design, and business logic implementation.
- Performed code refactoring, reviews, and optimization while enforcing coding standards.
- Followed Agile methodology with **Scrum** to ensure iterative delivery and collaboration.

S3 IT Solutions Ltd.   **(Oct 2020 - Dec 2021)**
HQ: London, UK

Role: Software Engineer

- Designed, developed, and maintained **mobile applications** using **Flutter** and **REST APIs**..
- Collaborated with clients on requirements and delivered robust solutions for end-users
- Developed and integrated **REST APIs** and **GraphQL** endpoints into the applications.
- Worked in **Agile (Scrum)** teams to ensure successful project delivery.

Projects:

Evoke Medical Care - *Remote Patient Monitoring and Healthcare Management*
Features: Remote monitoring of cardiac devices and health metrics
Roles:
- Involved in requirements analysis, design, and business logic implementation.
- Led healthcare web app development on both the frontend and backend for secure patient data handling and monitoring.
- Ensured **HIPAA** compliance and optimized the system for better performance and security.
- Performed code refactoring, reviews, and optimization while enforcing coding standards.

KUMeet - *A WebRTC Video Conferencing Platform*
Features: Audio/Video conferencing, screen sharing, chat, file sharing, hand raising, whiteboard, and screen recording.
Roles:
- Collaborated with team members to design and develop core features.
- Configured and developed foundational backend and frontend code for the application.
- Developed the backend engine using **Node.js**, **Express.js**, and **MongoDB**.
- Performed code refactoring, reviews, and optimization while enforcing coding standards.

BookMyCruz App - *An Online Cruise Booking Platform*
Features: Cruise agents can book tickets for customers, and cruise owners can manage their bookings.
Roles:
- Configured and developed foundational backend and frontend code for the application.
- Develop the backend server using **Node.js**, **Express.js**, and **MongoDB**.
- Developed mobile applications for agents and owners using **Flutter,** integrating **REST APIs**.
- Researched and implemented new features to enhance overall performance.
- Performed code refactoring, reviews, and optimization while enforcing coding standards.

Ebidhya - *An E-Learning Platform*
Features: Subscription-based course access with video learning capabilities
Roles:
- Collaborated with team members to design and develop platform features.
- Configured and integrated the **Khalti** payment gateway into the mobile application.
- Researched and implemented performance-improving features.
- Integrated video-based learning modules in the mobile application.

Education:

Master of Engineering in Computer Engineering (2024 - Present)
Kathmandu University, *Dhulikhel, Kavre*

Bachelor of Engineering in Computer Engineering (2017 - 2022)
Kathmandu University, *Dhulikhel, Kavre*