SAROATH JAHAN

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Colombo, Sri Lanka

PROFESSIONAL SUMMARY

Highly motivated Computer Science undergraduate with hands-on experience in designing, developing, and testing software applications. Skilled in Java, JavaScript, Python, React, Next.js, Node.js, and SQL, with a strong foundation in data structures, algorithms, and full-stack development principles. Experienced in building responsive UIs, developing secure APIs, working with databases, and collaborating in Agile environments. Passionate about writing clean, maintainable code and contributing to scalable, user-focused software solutions. Seeking an internship where I can apply my technical skills, learn from real-world engineering challenges, and add value to the development team.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, Python, PHP, C#
Frontend Technologies: jQuery, React.js, Next.js, TypeScript, Tailwind CSS, HTML, CSS
Backend Technologies: Node.js, NestJS
Databases: SQL, MySQL, PostgreSQL, Prisma ORM
API & Concepts: REST APIs, CRUD, OOP, Data Structures & Algorithms
Tools & Platforms: Postman, Git, XAMPP, VSCode, IntelliJ, NetBeans, Docker, Kubernetes, Firebase
Competencies: Problem Solving, Communication, Time Management, Adaptability, Analytical Thinking

PROFESSIONAL EXPERIENCE

Software Development Intern   **Sep 2025 – Dec 2025**
Intelligent Software Solutions
Oulu ERP System
Technologies: Next.js, TypeScript, PostgreSQL
- Developed and enhanced multiple frontend components across multiple modules.
- Identified critical issues such as incorrect auto-generated codes, wrong status messages, and inaccurate data mappings.
- Collaborated with the QA team to document structured test cases and provide feedback for system stability.

Arwia Healthcare Booking Platform
Technologies: Next.js, NestJS, Prisma, PostgreSQL
- Developed a mobile-first booking platform for health & wellness services.
- Implemented user booking flows, provider schedule management, and secure authentication.
- Built secure, efficient, and scalable API endpoints powering core booking and provider management features.

ACADEMIC PROJECTS

UCraft.lk - Custom Product Marketplace (Group Project)   *(Project Link)*   **Oct 2024 – Mar 2025**
Technologies: Flutter, Node.js, Firebase, Docker, Kubernetes
- Developed a full-stack marketplace serving 100+ users with real-time functionality.
- Integrated real-time database & authentication, boosting user activity by 30%.
- Deployed scalable containers with Docker & Kubernetes achieving 99% uptime.

Animated Website   *(Project Link)*   **Nov 2025**
Technologies: React.js, Tailwind CSS, GSAP
- Built a fully responsive animated website using React.js, GSAP, and Tailwind with scroll-based and clip-path animations.
- Added 3D hover effects and video transitions to enhance UI/UX and user engagement.
- Designed reusable components and optimized front-end performance for smooth interactions.

E-commerce Website   *(Project Link)*   **June 2025**
Technologies: PHP, MySQL, HTML, CSS, JavaScript
- Built product listing, authentication, and shopping cart workflows.
- Optimized SQL queries and implemented caching strategies to improve performance.
- Enhanced UI/UX improving customer engagement by 50%.

Bookstore RESTful API   *(Project Link)*   **Feb 2025 – Mar 2025**
Technologies: Java (JAX-RS), JSON, Postman
- Developed a REST API with full CRUD operations managing 500+ book records.
- Implemented efficient resource handling with JSON requests/responses.
- Validated API functionality and compliance via Postman testing suite.

EDUCATION

B.Sc. (Hons) in Computer Science   **Sep 2023 – May 2027**
Informatics Institute of Technology, Colombo (Affiliated with University of Westminster)
G.C.E. Advanced Level   **Jul 2019 – Dec 2020**
T/Zahira College, Trincomalee

REFERENCES

References available upon request.