Subiksha P R

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Bengaluru, Karnataka

Professional Summary

Full Stack Developer with 7 months of industry-level internship experience in designing, developing, and deploying end-to-end web applications using React, Node.js, Express, and MongoDB. Proficient in building scalable APIs, optimizing frontend performance, and automating deployments with Docker, Kubernetes, and Helm. Demonstrated impact through real-time projects and AI-powered solutions delivered in Agile environments. Known for consistently exceeding expectations in cross-functional collaboration, problem-solving, and production readiness.

Education

M.Sc. in Software Systems   **CGPA: 8.02/10.0**
Kongu Engineering College, Erode, Tamil Nadu   *2022 – 2027*

Class XII (Higher Secondary)   **76% (380/500)**
Bharathiyar CBSE School, Attur, Tamil Nadu   *2022*

Class X (Secondary School)   **73% (365/500)**
Jaivins Academy, Attur, Tamil Nadu   *2020*

Projects

KEC Hostel Management System | *HTML, CSS, JavaScript, PHP, MySQL*   **Mar 2023 – Dec 2023**
⦿ GitHub

- Developed a comprehensive hostel management system serving students, reducing leave application processing time by 80% and complaint resolution time by 50%.
- Implemented automated student data entry with roll number recognition, eliminating 80% of manual data entry errors and improving administrative efficiency.
- Led a 4-member development team, coordinating sprint planning and code reviews to deliver the project on schedule.

Calm Sphere: Mental Health Chatbot | *Streamlit, MongoDB, Hugging Face, LLaMA 3*   **Nov 2024 – Jan 2025**
⦿ GitHub

- Built an AI-powered mental health chatbot achieving 85% user satisfaction rate with personalized support for active users.
- Integrated LLaMA 3 for conversational AI and implemented mood tracking features, resulting in 40% improved user engagement.
- Deployed using Streamlit with MongoDB backend, handling daily interactions with 80.5% uptime.

LIGHTSON: Financial Independence Tracker | *React Native, MongoDB, Node.js*   **Sept 2024 – Mar 2025**
⦿ GitHub

- Developed a cross-platform mobile app with 40+ beta users, helping track expenses and calculate FIRE numbers with 95% accuracy.
- Implemented secure authentication and data encryption, ensuring zero security breaches during testing phase.
- Designed intuitive UI/UX resulting in 4.8/5.0 user rating and 90% user retention rate after 30 days.

Anology - Antique Art E-Commerce Platform | *React, Node.js, Docker, Helm, Kubernetes*   **May 2025**
⦿ GitHub

- Developed a full-stack e-commerce website for antique art sales with secure user authentication and dynamic product catalog.
- Dockerized the application and deployed using Helm on Kubernetes, ensuring high availability and scalable deployment.
- Designed a responsive and aesthetic UI with React, improving user engagement and session time by 40%.

Work Experience

Full Stack Developer Intern   **Sept 2024 – Mar 2025**
Lights Inc   *Erode, Tamil Nadu*

- Contributed to React-based financial analytics platform serving 40+ users, developing UI components and backend services for FIRE number computation.
- Improved application performance by 30% through code optimization and implemented 5+ new features based on user feedback.

Technical Skills

Languages: Python, JavaScript, Java, C, SQL, HTML, CSS, C#
Frameworks & Technologies: React, Node.js, React Native, Flask, Streamlit, Bootstrap, D3.js
Databases & Tools: MongoDB, PostgreSQL, MySQL, Oracle SQL, Git, GitHub, Docker, Jenkins, Minikube
AI/ML & Cloud: Hugging Face, LLaMA 3, TensorFlow, Scikit-learn, AWS, Docker Containerization
Design & Other Tools: Figma, WordPress, Postman, VS Code, Jupyter Notebooks

Certifications

- **Oracle APEX Cloud Developer Certified Professional** | Oracle
- **Introduction to Deep Learning** | NVIDIA Deep Learning Institute
- **Web Development Fundamentals** | IBM SkillsBuild
- **Introduction to Large Language Models** | LinkedIn Learning

Achievements

- **First Place**, Hackwave'24 (Inter-department Event) for Hostel Management System at Kongu Engineering College (March 2, 2024)
- **Third Place**, National Science Day Prototype Expo (Inter-college Event) for Hostel Management at Kongu Engineering College (February 28, 2024)

Leadership & Extracurricular

- **Department Coordinator** | IEC Innovation and Entrepreneurship Council   **2024 – Present**
- **Executive Member** | SDC Self Development Club   **2022 – 2025**
- **Executive Member** | GEC Gender Equality Club   **2022 – 2023**