

Monika Ravindran

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Work Authorization: **Authorized to work in the U.S. No sponsorship required.**

EDUCATION

Purdue University Indianapolis, IN

Master's in Computer Science

Aug'23 - May'25

CGPA 3.9/4.0

Anna University, Chennai, India

Bachelor's in Information Technology

Aug'10 - Apr'14

CGPA 3.3/4.0

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, Kotlin, SQL, Spring Boot, HTML5, CSS3, Bootstrap, Angular 15, React, Node.js, Figma, Junit

Cloud & Platforms: AWS, Docker, Docker compose, Kubernetes, GitHub, Jenkins, SonarQube, CI/CD

AI Tools: GitHub CoPilot, ChatGPT, LangChain (AI-assisted development & prototyping)

PROFESSIONAL EXPERIENCE

TEACH Resource Group, Indianapolis, Indiana – Senior Web Developer

Jun'25 - Present

- Developing and optimizing WordPress websites with custom themes, HTML/CSS styling, and Figma-driven designs, enhancing site performance, responsiveness, and interactivity.

TechBulls Softech, Pune, India – Software Development Engineer

Jul'20 - Feb'21

- Engineered RESTful APIs using Node.js, Express, and Axios, reducing response time by 35% and supporting 1,000+ concurrent user with improved application throughput in open-source enterprise environments.
- Built scalable UI components using Angular, JavaScript, Bootstrap, doubling load speed and cutting front-end development effort by 40% while enhancing user interface functionality.

L&T Technology Services, Bangalore, India – Software Engineer

Jan'17 - Mar'18

- Engineered a scalable dashboard for Huawei using Angular, RxJS, and TypeScript, reducing manual reporting by 10+ hours/week.
- Developed Spring Boot RESTful services to fetch and aggregate real-time network performance data, enabling seamless integration with the Angular dashboard and reducing API latency during high-traffic loads.

Aricent Technologies, Bangalore, India – Software Engineer

Oct'14 – Dec'16

- Developed Java-based background synchronization services for Intel wearables using the Spring Framework, leveraging multithreading for real-time sensor data processing.
 - Designed and implemented RESTful APIs for secure user-device communication, improving data reliability and overall system performance.
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ACADEMIC PROJECTS

Donation Management App (MongoDB, Express, React.js, Node.js, Stripe, Authentication) - [GitHub Link](#)

- Developed a web application for managing and tracking donations in React for UI with real-time updates, and Node.js with Express for efficient backend operations. Designed and managed a MongoDB database for robust data storage.
- Integrated Stripe for secure payments and implemented user authentication to restrict donations to logged-in users.

Travel Diaries Forum App (React, Express, Node.js, Supabase) - [GitHub Link](#)

- Built a community forum app where users can create posts, upvote, comment, and manage their own content with pseudo-authentication. Applied Agile thinking and solution fit analysis.
- Integrated Supabase for backend services including database management and authentication, enabling secure, scalable full-stack performance.

Employee Performance Tracker (Spring Boot, Angular, MySQL)

- Designed a responsive enterprise dashboard using Angular with form validations, reusable components, and integration to Spring Boot REST APIs for end-to-end workflow management.
 - Developed secure CRUD microservices with Spring Boot, MySQL persistence and JWT-based authentication ensuring robust API performance and reliable backend integration.
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CERTIFICATIONS

AWS Certified Cloud Practitioner - [View Credentials](#)

Meta Front-End Developer Professional Certification -- (9-course specialization) - [View Credentials](#)

Java Programming and Software Engineering Fundamentals Specialization - Duke University – [View Credentials](#)