Krishnamurthy Shekhar

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SUMMARY

Versatile systems thinker and lifelong learner with a strong foundation in full-stack software development and technical leadership, complemented by deep experience in early childhood and community-based education. Skilled in systems design and optimization, strategic planning, and cross-functional team leadership to deliver mission-critical enterprise solutions. Experienced in human-centered design and neuroscience-informed program development. Combines expertise across technology, education, and program strategy - driven to build purposeful, impactful tools that support the next generation.

LANGUAGES | FRAMEWORKS | TOOLS

Java, JavaScript | React, Spring Boot, Django | MySQL Workbench

EXPERIENCE

Wired to Learn - LaunchCode Project
- Designed *Wired to Learn* to raise awareness of learning and early childhood brain development for new parents and curious learners
- Created an engaging Home and About page to guide users and present information clearly
- Developed an Explore page to highlight key topics in an interactive, accessible way
- Built a Comment page enabling users to share and manage their reflections
  Full Project Tech Stack: React, JavaScript, Vite, Node.js, Jest, HTML, CSS, Git, GitHub, Figma

Social Entrepreneur
September 2017 - present
- Led the design of neuroscience-informed learning environments rooted in child development principles
- Collaborated with under-resourced communities to co-create and launch early learning initiatives
- Built sustainable, scalable models for community-based education and holistic development

Executive Director/Head of School – AMI Training Center
October 2018 - July 2020
- Increased school enrollment by 30% while turning a deficit into a surplus
- Expanded program offerings by launching new diploma courses and streamlining operations
- Strengthened community impact through partnerships and outreach, promoting authentic Montessori education
- Transformed a non-profit AMI Montessori training center into a financially sustainable, thriving institution

Program Manager – Consulting
June 2008 - September 2018
- Coordinated research to measure environmental impacts (e.g., CO_2, ventilation) on decision-making; managed study logistics, data collection, and documentation
- Collaborated with physicians to design training tools and develop software to assess and improve critical thinking in medical students and residents

Systems Analyst to Senior Manager – Enterprise IT
October 1995 - October 2016
- Delivered business-critical applications by leading cross-functional teams to modernize systems, ensure compliance

- Supported core business operations through the design, development, and implementation of major financial enterprise applications
- Improved reliability and scalability by migrating AS/400 systems stack to scalable Java applications
- Streamlined delivery and support by fostering collaboration across IT, business, infrastructure, and security teams

EDUCATION

LaunchCode, Software Development, 2025
Business Professional's Course for Ontological Practices
Bangalore University, B.E., Civil Engineering