Ramnjit Boparai

Lead Software Engineer

Lead Software Engineer with over 6.5 years of experience architecting and building high-performance, full-stack applications. Expertise spans both cross-platform and backend systems, with a strong foundation in C#, .NET, Java, and C++. Passionate about building robust, scalable, and user-focused applications from the ground up.

WORK EXPERIENCE

Lead Software Engineer   January 2025 – Present
Carl's Place, Milton, WI

- Currently leading the refactoring and maintenance of a critical in-house ERP system built with Xamarin (C#/.NET), focusing on improving application performance, stability, and deployment.

- Leading the design and back-end development of a high-impact web application using Node.js and JavaScript to streamline online sales processes.

- Provide technical mentorship to team members and collaborate with cross-functional teams to translate business goals into engineering plans.

Software Engineer   October 2021 – September 2024
Lost Boys Interactive Madison, Wisconsin

- Developed and shipped full-stack gameplay features for three consecutive AAA titles (WWE 2K22, 2K23, & 2K24), engineering critical systems using C++ and SQL in a large, performance-sensitive codebase.

- Contributed to a full-stack internal customer support tool for the MyFaction live service mode, developing features on the C#/.NET (Xamarin) web portal and the Python backend for player data synchronization.

- Collaborated in an Agile environment with artists and designers to implement and iterate on new features.

Software Developer   February 2018 – May 2019
Extreme Engineering Solutions, Verona, WI

- Engineered a Python backend to process and stage data for consumption by a C#/.NET frontend.

- Developed and optimized command-line applications using Python to automate key business processes for multiple departments.

Undergraduate Research Assistant   September 2016 – February 2018
University of Wisconsin-Whitewater, Whitewater, WI

- Contributed to an Artificial Intelligence research project, funded by the Office of Naval Research, focused on modeling human decision-making using Inverse Reinforcement Learning.

CONTACT

- Janesville, WI
- 1-(920)-650-7571
- rboparai1992@gmail.com
- linkedin.com/in/ramnjit-boparai
- github.com/ramnjit

SKILLS

Languages:
- C#
- Java
- C++
- Python
- Javascript
- Node.js
- SQL
- XAML

Frameworks & Technologies:
- .NET Core
- ASP .Net Core
- .NET MAUI/ Xamarin
- Unreal Engine 5/ Unity
- REST APIs
- SQL and SQLite
- Web Development

Tools & Platforms:
- Jira
- GitHub/ Perforce
- CI/CD
- AWS/ Azure
- Visual Studio
- VS Code
- Android/iOS

EDUCATION

University of Wisconsin-Whitewater
Master of Science
Computer Science
Whitewater, WI— December 2019

University of Wisconsin-Whitewater
Bachelor of Science
Computer Science
Whitewater, WI— December 2017

Portfolio & Publications

- romanboparai.com

- Co-author on three peer-reviewed publications in Artificial Intelligence.