BHARATHKUMAR BANDI

37201 Eisenhower CT, Apt 569, MI 48335 • bandibharathkumar9@gmail.com • (810) 293-1752
www.linkedin.com/in/bharathkumar-bandi-718864194

PROFESSIONAL EXPERIENCE

FIRST AMERICAN INDIA PVT LTD   **Hyderabad, India**
Member Technical Staff   **Jan,22 – Jan'24**

Transitioning into the software sector, my initial role as a Technical Trainee ignited a transformative journey. Overcoming early challenges, I emerged as a versatile asset adept in both .NET backend and Angular frontend development. Recognized for meticulous project management in Covenant Guard Application in Q4 with Member Technical Staff role.

- Successfully delivered client requirements within specified timelines, ensuring code quality and rigorous testing.
- Developed and maintained CovenantGuard project solutions, a real estate risk management platform, by building user-friendly and responsive interfaces using .NET, C#, Angular, TypeScript, and JavaScript.
- Crafted backend features using .NET Core and .NET MVC, devising tailored APIs to effectively meet client needs.
- Employed CSS, Sass, and HTML to build dynamic, accessible, and visually appealing user interfaces, enhancing user experience for clients in the real estate industry.
- Designed and executed unit, integration, and end-to-end load tests with Jest and Jasmine, significantly enhancing code reliability and minimizing bugs in the production environment. Proficiently utilized Postman for API testing and debugging.
- Managed application deployments for both backend and frontend, adhering to deployment protocols and testing methodologies in the Azure DevOps platform
- Collaborated with cross-functional teams to meet project deadlines and ensure timely issue resolution.
- Established and maintained Azure DevOps for CI/CD pipelines enabling frequent and reliable deployment, which increased productivity and reduced deployment cycle times.
- Improved web application responsiveness and loading speeds through progressive refactoring and web performance optimization, resulting in a 25% faster load time.
- Crafted RESTful APIs with meticulous attention to accessibility, ensuring logical structure, thorough documentation, and seamless API versioning for backward compatibility and minimal disruption to existing integrations.
- Integrated and managed browser developer tools and DOM manipulation techniques to monitor performance and troubleshoot real-time issues efficiently.
- Optimized frontend code for browser compatibility, achieving seamless operation across diverse web environments.
- Real-Time Troubleshooting Platform: Led the frontend development for a real-time troubleshooting system that helped reduce issue resolution time by 30%.
- Technologies Employed: .NET Core, Angular, React, JavaScript, Typescript, AZURE DevOps, SQL, Rest API's etc.

EDUCATION

UNIVERSITY OF MICHIGAN-FLINT   **Michigan, US**
Master of Science in Computer Science & Information Systems, Major in CS   JAN,2024 - present

VIGAN INSTITUTES OF TECHNOLOGY & SCIENCES   **Hyderabad, India**
Bachelor of Electronics, Communication Engineering   2018-2022

NARAYANA JUNIOR COLLEGE   **Hyderabad, India**
Mathematics, Physics, Chemistry   2016-2018

TECHNICAL SKILLS

Technical Skills: C#, ASP.NET, MVC, Python, TypeScript, JavaScript, HTML/CSS, SQL, Git Platform & Strong CS fundamentals.
Frameworks: Angular, React, .NET Framework

Operating Systems: Windows, Microsoft Office

UG-RESEARCH PROJECT

FACE MASK & TEMPERATURE DETECTION USING RASPBERRY PI [MAJOR PROJECT]   **Hyderabad, India**

Location: Vignan Institutes of Technology & Science, Hyderabad   Dec'21- May'22

Brief Description: Our goal of this project was to create a real-time monitoring system that uses a Raspberry Pi to detect people who are not wearing face masks and take their body temperature. The device uses temperature sensors and a camera module to detect mask compliance and warn of high temperatures using computer vision and image processing techniques. By automating entry screening procedures, this approach is particularly helpful in public health situations and improves safety in crowded locations like workplaces, schools, and hospitals.

SPECIALIZED AREAS OF INTERESTS

- Software Development
- Building web applications
- Gaming

- .NET & ANGULAR
- Digital Art Making