
BHARGHAVA KUMAR PURRU

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Education

Case Western Reserve University, U.S

Masters in Computer Science

CGPA: 3.5 / 4

August 2023 – May 2025

Lendi Institute of Engineering and Technology, India

Bachelor of Engineering in Electronics and Communication Engineering

June 2018 – May 2022

Technical Skills

- **Programming Languages:** C#, Python, Java, JavaScript
- **Web Technologies:** HTML, CSS, Bootstrap, React.js, Angular.js, jQuery
- **Database Management:** Advanced SQL, MySQL, SQL Azure Database
- **Libraries & Frameworks:** NumPy, Pandas, Seaborn, Matplotlib, ASP.NET, Entity Framework Core
- **Software/Developer Tools:** Git, Visual Studio Code, Visual Studio Enterprise, MATLAB, Postman, Power BI
- **Cloud Services:** Azure Compute, Azure Active Directory, Azure Storage, Azure PaaS Services (App Services, Web APIs)
- **Operating Systems:** Linux, Windows

Work Experience

HCLTech — *Software Engineer, Full Stack .Net Developer*

September 2022 – December 2023

- Developed new functionalities according to client requirements for two simultaneous projects, demonstrating a strong understanding of CS fundamentals and their application to coding.
- **Project 1:**
 - *Description:* Web application enabling users to report and resolve issues independently and communicate with live agents through a Teams chatbot interface.
 - *Achievements:*
 - * Integrated Single Sign-On (SSO) functionality for authorized logins.
 - * Implemented the chatbot in Google bot services.
 - * Effectively collaborated with team members, showcasing strong communication skills and teamwork.
- **Project 2:**
 - *Description:* Web application allowing users to independently change or reset their passwords or unlock their accounts within their organizational accounts using WCF service.
 - *Achievements:*
 - * Integrated the service into Azure Active Directory.
 - * Utilized Web APIs to enable Self-Service Password Reset (SSPR) functionality.
 - * Employed analytical problem-solving abilities to address and resolve technical issues.

Projects

Reset Station — C#, ASP.NET, MVC Architecture, MySQL, Azure Active Directory, Postman, API's, Virtual Machines

January 2023

- Comprehensive solution for simplifying password management and account unlocking for users. The project is seamlessly integrated with Azure Active Directory, reflecting a commitment to delivering quality solutions and strong analytical skills.

Hospital Finder — APIs, .NET, MVC Architecture, MySQL, Postman, HTML, CSS, JavaScript
Current

- .NET Core web application with Entity Framework Core enabling users to access hospital data via a Web API, helping find the best treatment price for specific health issues while considering hospital ratings. This project demonstrates my ability to quickly learn new technologies and apply them effectively.

Personal Portfolio Website — APIs, HTML, CSS, JavaScript, Google Sheets, React.js, Postman
February 2023

- Designed a personal portfolio website utilizing React.js and API calls to showcase my skill set and professional accomplishments. This project reflects my self-motivation and commitment to delivering high-quality work.

Role-Based Authentication — APIs, .NET, MVC Architecture, MySQL, Postman, HTML, CSS, JavaScript
January 2023

- Built a login system where users and admins enter credentials and navigate to their respective pages, with admins having privileges to manage users. This project highlights my strong understanding of CS fundamentals and their practical application in coding.

Relevant Coursework

- Data Structures and Algorithms
- Object-Oriented Programming
- Advanced SQL and Relational Database Concepts
- Web Technologies (HTML, CSS, JavaScript)
- Front End and Back End Development