Kush Patel

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WORK EXPERIENCE

Connecticut Judicial Branch - Software Development Intern   Jan 24 – May 24 & Oct 24 - Present
Application Development Unit   East Hartford, CT

- Utilized C#, .NET 6.0, ASP.NET, XML, and CSS to develop and update web applications, with deployment managed through Azure DevOps. Contributed to the development of an internal Payment Gateway API by creating unit tests and detailed documentation to ensure reliability and maintainability. Enhanced internal employee websites by updating functionalities, adding new webpages, and implementing search features, leveraging Microsoft Azure Pipelines for streamlined deployment.

COCC (Financial Technology Services) – Software Development Intern   May 24 – Oct 24
Conversions Unit   Southington, CT

- Designed and built a Windows Forms application in .NET C# to automate the creation, distribution, and management of client reports utilizing Crystal Reports. Developed and implemented data conversion scripts using PL/SQL and SQL for Oracle databases. Leveraged Python to convert binary data into readable formats for seamless data conversions. Automated and maintained data across Jira and Smartsheets using PowerShell, along with creating reusable PowerShell modules for future projects.

EDUCATION

Eastern Connecticut State University   Sept 22 – Dec 24
Bachelor of Science, Computer Science (3.7/4.0)   Willimantic, CT

Relevant Courses: *Computer Science and Programming I/II, Data Structures, Computer Algorithms, Operating Systems, Computer Architecture and Organization, Software Engineering, Programming Languages Translations, and CompTIA+ Networking*

PROJECTS

FreeEnglishPractice.com – English Learning Platform (TypeScript/ReactJs/NodeJs)   Feb 23 - Present

- I created a free English learning platform to help beginner to intermediate learners improve their English skills. It uses a custom Machine Learning model for translations and provides real-time grammar checking.
- Avg 4000 pageview per month – 200 users, with an average engagement rate of 3 minutes.

Awards: **Big Idea Pitch Competition by the Department of Business Administration, 1st Place**

WhaReach.com – WhatsApp Marketing Tool (TypeScript/ReactJs/NodeJs)   Sept 24 - Present

- Currently developing a platform that connects businesses with customers using the official WhatsApp Business API. Enables personalized communication through messages, promotions, updates, and more, enhancing customer engagement and relationship management.

SKILLS

- **Languages**: C#, Java, JavaScript, TypeScript, Python, APSX, Html, CSS, EJS, MongoDB, SQL, PLSQL, R
- **Frameworks and Libraries**: .NET 6.0/8.0, Nodejs, ReactJs, ExpressJs, TailwindCSS, Bootstrap, Axios, Nginx
- **Tools**: Figma, Canva, Git, GitHub, Docker, Azure, Visual Studio, Visual Studio Code, Ubuntu, RStudio, PLSQL Developer