

Bhavyom Singh Kushwaha

Fullerton, CA | bhavyom19@gmail.com | bhavyom-singh.vercel.app | linkedin.com/in/bhavyom-singh | (657) 739-8999

Experience

Teaching Associate, California State University Fullerton – Fullerton, CA Jan 2024 – May 2024

- Taught a class of 44 undergraduates full-stack development using ReactJS for frontend and Django for backend while creating lesson plans and providing support during office hours.

Software Engineer, Emtec Inc. (Acquired by Bridgenext) – Pune, India Feb 2022 – Aug 2022

- Programmed an insurance product to create a user-friendly quote application with data from multiple underwriters
- Authored 50+ REST APIs and function app projects using .Net Core, MSSQL, and Microsoft Azure
- Optimized and refactored over three modules in both front-end and back-end code, resulting in a 30% reduction in latency
- Improved application performance, leading to a more efficient quote application, reducing loading times by 40%

Software Engineer, Clover IT Services Private Limited – Jaipur, India Mar 2019 – Apr 2020

- Fostered MLM product efficiency by 20% by utilizing .Net Core, ADO.Net, and T-SQL, with frontend enhancements through AngularJS
- Provided global support counseling, resolving 40 weekly technical issues and maintaining high levels of client satisfaction
- Boosted productivity by 10% through the creation of an in-house productivity tool employing Entity Framework
- Led the development efforts for a Project Management System utilizing .Net Core, Entity Framework, and Angular 8
- Implemented Selenium automation in Visual Studio, reducing testing time by 50% and increasing coverage by 30%

Software Engineer, Kansoft Solutions Private Limited – Udaipur, India Jun 2017 – Feb 2019

- Integrated Teleshopping CRM and ERP software with 8 new modules and collaborating with 10 clients
- Leveraged .Net Framework to meet specific business needs and upgraded 7 modules for marketplace and dealer products, boosting system efficiency and user experience
- Drafted 75+ REST APIs and implemented ERP-3rd party logistics integration using C# and web services (REST and SOAP)
- Resolved 200+ bugs promptly, ensuring timely releases and reinforcing product stability by 25%

Education

Master of Science, Computer Science, California State University, Fullerton (CSUF) May 2024

Bachelor of Technology, Computer Science and Engineering, MPUAT, Udaipur, India Jun 2017

Technical Skills

Languages: C#, Transact-SQL, Python, JavaScript, HTML, CSS, C, C++

Framework and Libraries: .NET Core, .NET Framework, Entity Framework, ASP.NET, MVC, MVVM, Web forms, Django, NUnit, xUnit, Angular 8+, ReactJS, NodeJS, ExpressJS, jQuery, WCF, WPF, Razor, Blazor, TypeScript, CI/CD, AJAX, ADO.NET

Other tools and techniques: Microsoft Azure, REST API, MS SQL Server, Git, Visual Studio, Postman, Azure DevOps, OOP, Agile Methodology, Debugging, Communication, Problem-Solving, Application Design, Team-oriented, Collaborative

Projects

Smart Receipts(Node.js, Express.js, ReactJS, Google Cloud Vision)

- Engineered *SmartReceipts*, an automated receipt management tool leveraging Google Cloud Vision API and machine learning models to extract, classify, and analyze receipt data, generating detailed Excel reports for expense tracking.

Hand Written Digit Recognition (Python, PyTorch, TensorFlow)

- Devised an application to recognize handwritten digits in the Scikit-learn dataset, achieving an impressive recognition rate of 95%. It can also be extended to incorporate the MNIST dataset

Streamify (ReactJS, Django)

- Built a scalable text streaming project using Apache Kafka, Spark, and Cassandra on Linux. The project can efficiently process and store large data sets with millions of records, enabling real-time insights

Dating App (.NET Core, Angular)

- Developed a comprehensive application for exploring Angular and .Net Core, incorporating registration, information management, photo integration, and messaging functionality to elevate user experience in a dating context