

# Bhavyom Singh Kushwaha

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## Experience

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

- Planned and taught Web Front-End Engineering, including HTML, CSS, JavaScript, and ReactJS, in an interactive setting

**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%

**Tutor**, Self-Employed – Udaipur, India May 2020 – Feb 2022

- Tutored high school math online, boosting student success during the COVID-19 pandemic.

**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 and Angular 8
- 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-3<sup>rd</sup> 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 May 2024

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

## Technical Skills

**Languages:** C#, T-SQL, Python, JavaScript, HTML, CSS, C, C++, Java

**Framework and Libraries:** .NET Core, .Net Framework, Entity Framework, ASP.NET, MVC, Web forms, Django, xUnit, NUnit, Angular 8, ReactJS, NodeJS, ExpressJS, TensorFlow, PyTorch, jQuery

**Other tools and techniques:** Microsoft Azure, ADO.Net, Web API, REST API, Linq, Selenium, Git, AJAX, Jira, Apache Kafka, Apache Spark, Apache Cassandra, Dependency Injection, Agile Methodology

## Projects

**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