

# **Hardi Patel**

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## **SUMMARY**

As an enthusiastic software engineer, I am highly motivated, hardworking, problem-solving and possess excellent oral and written communication skills. I look forward to utilizing my skills, expertise for the accomplishment of the projects. My goal is to utilize my creative thinking, prior experience, and collegiate skills to be able to add value to organization operations.

## **EDUCATION**

<b>Stevens Institute of Technology   Hoboken, NJ.</b>	<b>January 2021-December 2022</b>
Master of Science in Computer Science	
<b>Gujarat Technological University (Silver Oak Institute of Technology)   Gujarat, India.</b>	<b>June 2016-September 2020</b>
Bachelor of Engineering in Computer Engineering	
<b>Coursework:</b> Object Oriented Programming in C/C++/JAVA, Python, Algorithm, DBMS, Operating System, Web Programming, Artificial Intelligence, Data Structures, Software Engineering, Computer Organization, Cyber Security, .Net Technology, MCWC, DMBI, Big Data Analytics, Design Thinking, Cloud Computing, Project Management, IT Strategy.	

## **TECHNICAL SKILLS**

<b>Languages:</b>	Java, C++, C, Python, JavaScript.
<b>Web Programming:</b>	HTML5, CSS3, Bootstrap, JavaScript, AngularJS, Node.js, JSP, PHP, jQuery, MERN
<b>Tools:</b>	Eclipse, Microsoft Visual Studio, GitHub, Microsoft, Understand, Infusion, Anaconda, Project Manager
<b>Databases &amp; Cloud:</b>	PostgreSQL, MongoDB, MySQL, Firebase, DynamoDB, SQLite, AWS(SAGEMAKER)
<b>Visualization:</b>	Streamlit, NumPy, Matplotlib, Pandas.

## **WORK EXPERIENCE**

<b>Women In Business Club Assistant at Stevens Institute of Technology  Hoboken, NJ</b>	<b>August 2021 – Present</b>
<ul style="list-style-type: none"><li>Organized informal networking sessions and workshops to build skills and teamwork, the organization brings together the community of women for the purpose of supporting each other, both in their professional and personal lives</li><li>Presented SWiCS, and shared the success stories of their breakfast sessions. Organized career events and host public networking opportunities, even scheduling meetings with students</li><li>Selected for the mentor/mentee program at Stevens Institute of Technology in order to assist future graduate students in transitioning to graduate school</li></ul>	

<b>Software Developer at ContCentric Pvt Ltd.   Gujarat, India.</b>	<b>December 2020-May 2021</b>
<ul style="list-style-type: none"><li>Reviewed product features specifications and created design documentation and establishes tests for dev+;</li><li>Working knowledge of Agile and Scrum methodologies</li><li>Collaborated functionality using Android Studio even deployed project using Amazon Web Services</li><li>Constructed a React native based application on an agile environment using jQuery plugins and making use of web design tools in order to make it appealing while testing the developed project</li></ul>	

<b>Volunteer at Encube Labs   Gujarat, India.</b>	<b>July 2018-December 2018</b>
<ul style="list-style-type: none"><li>Optimized learning of product development under the direction of MIT professor Dr RAJESH NAIR who regularly conducts tech fairs and workshops all over the world on IOT basics and stem development</li><li>Organized makerfest and presented 3D printing skills, Robotics Basics and IOT tools demonstration to young children who were able to learn these skills in an interesting way and can reinvent products</li></ul>	

## **ACADEMIC PROJECTS**

<b>Software Search Engine</b>	<b>August 2021-Present</b>
<ul style="list-style-type: none"><li>Designed a web application for users to find software using keywords and compare their choices at one place. Implementing solutions with Node.js REST API's. Technology used: HTML, CSS, BOOTSTRAP, MERN stack, JQuery</li></ul>	

<b>Research paper on understanding the relationship between Refactoring and Bugs</b>	<b>January 2022-Present</b>
<ul style="list-style-type: none"><li>Wrote paper aimed on refactoring and its relationship with bug, experiments performed on SMARTSHARK repository using REF-Finder tool and done qualitative analysis to find When does a refactoring Induce Bugs?</li></ul>	

<b>Bitcoin Prediction Analysis</b>	<b>January 2021-May 2021</b>
<ul style="list-style-type: none"><li>Cleaned, processed, and analyzed data on kaggle. Created a bitcoin prediction analysis model using RNN and LSTM Prediction Models</li><li>Developed six data visualizations that included regression analysis, correlation calculations, and relationship analyses</li><li>Technology used: Python, Streamlit, NumPy, Matplotlib, pandas, Sagemaker, S3, DynamoDB</li></ul>	

<b>Helios Fit-X Gym Application</b>	<b>August 2019- May 2020</b>
<ul style="list-style-type: none"><li>Build an application where user can get workout plan and diet plan according to user's weight, height, years, and user can buy gym equipment and supplements(cart) and consult with the Nutrition by booking appointment</li><li>Developed using Android Studio, JavaScript and AWS for database management for storing and accessing signup and login forms. Technology used: JavaScript, HTML, CSS, AWS, Android Studio</li></ul>	