Hetansh Patel

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EDUCATION

Colorado State University • Fort Collins, Colorado • December 2021

Bachelor of Science in Computer Science / Major GPA – 3.1

Minor in Business Administration

SKILLS

Technical Skills: Java, Python, MYSQL, C/C++, HTML5, CSS , JavaScript, React, Node.js, Firebase, TypeScript,

Functional Skills: Agile/Hybrid Methodology, Test Driven Development

EXPERIENCE

Eternally March 2022 - Present

*Software Engineer Intern*

• Researching and identifying new technologies to re-architect their current system.

• Designing and developing a new efficient management system.

USA Hockey June 2021 – October 2021

*IT/Project Management Intern*  *Colorado Springs/ Colorado*

• Assisted with the Front-end Development on their Event Management Website and conducted UI/UX Testing for better User Experience. Also Provided Front-End Support to a database of 600,000 members.

• Quickly and effectively wrote and managed more than 15 Business Required Documents ( BRD )

• Managed the implementation of a credit card acceptance project for one of the USA Hockey Software

PROJECTS

**House Marketplace Mobile Application February 2022 – March 2022**

• Deployed a Web-Based Mobile Application for house marketplace using React, JavaScript, CSS, Firebase, Webpack, and Node.js

• Utilized google geocode API to convert raw address to showcase the location of a property on an OpenStreetMap.

• Handled 7 nested pages routing through React Router and implemented 4 efficient database queries to reduce response time.

**Online Multiplayer Chess Game August 2021 – December 2021**

• Developed a Full Stack Chess game with React, TypeScript, REST API, and Java in an Agile Development Environment

• Increased game efficiency by implementing the entire logic in the backend and connected the server to front-end using RESTAPI

• Designed and Implemented MYSQL database to store usernames and passwords where the passwords were encrypted using hash and salt. Conducted extensive JUnit testing to ensure the proper functioning of the program.

**Portfolio Website June 2021 – August 2021**

• Developed a responsive portfolio website using HTM5, CSS, and JavaScript

• Designed the website to adopt Bootstrap Grid system and enhanced the website using jQuery and CSS Animations.

• Increased the efficiency of the website through minification and less inline scripts, and the GitHub repo attracted more than 30 unique cloners.

**Mobile Trip Planning Application February 2021 – May 2021**

• Developed a full stack web application with React, JavaScript, Java, CSS, and HTML in an Agile Development Environment.

• Designed and connected the MYSQL database to the server and utilized postman for API testing.

• Decreased the time to calculate the distance between various points by implementing nearest neighbor algorithm

**Sentiment Analysis for Product Rating October 2020 – December 2020**

• Performed Sentiment Analysis on Amazon Review datasets using scikit-learn, TensorFlow, and Python.

• Extracted positive and negative text reviews from amazon review datasets using f1 scores.

• Achieved more than 85% of accuracies with the implementation of baseline classifiers and feed forward neural networks.

CERTIFICATIONS

**• AWS Certified Cloud PractitionerEngineer**