

# Harsh Patel

Piscataway, NJ 08854 | [reach.harsharsh@gmail.com](mailto:reach.harsharsh@gmail.com) | +1(732)-799-5893

## SUMMARY

Graduate student of Computer Science with 2 years of experience in software development. Proficient in **JavaScript, Java, Google Cloud Services** and **NoSQL**, with experience in **Agile and Scrum methodologies, test-driven development**, and **Git**. Skilled in analyzing, designing and building scalable, high-performance web applications with **React, Node.js, Express**, and other modern technologies. Strong **problem-solving skills** and ability to adapt to new technologies and tools.

## EDUCATION

### Master of Science(M.S.) in Computer Science

Stevens Institute Of Technology, Hoboken, NJ

Expected Graduation: May, 2023

- **Relevant Coursework:** Data Structure and Algorithms, Database Management System, Operating Systems, Web Programming, JAVA, OOP, Cloud Technologies

### Bachelor of Engineering(B.E.) in Computer Engineering

Vishwakarma Engineering College, Gujarat, INDIA

Graduated: August, 2020

## TECHNICAL SKILLS

**Programming Languages:** JAVA, JAVASCRIPT, Python, C/C++, SQL, NoSQL, HTML, CSS

**Frameworks:** Express(Node JS), React, .NET framework, Angular, Spring

**Tools:** VSCode, Dev C++, Eclipse, Postman, Oracle, MongoDB, PostgreSQL, ApacheTomcat

**Cloud Technologies:** Google Cloud Platform, AWS

**DevOps Tools:** Git, Kubernetes, Docker

**Project Management Tools:** JIRA, Trello

## WORK EXPERIENCE

### KOS Technologies Full Stack Developer

December 2022 – Present

- Designing and building scalable, high-performance web application using **React, Node.js, Express, Firebase cloud database** and other modern libraries and frameworks
- Deployed **50% faster and optimized** google cloud function for new and better data collection
- Collaborated with cross-functional teams to **impose new ideas, features** and **optimize** existing ones
- Leveraged **agile methodologies** to deliver projects on **time** and **within budget**, consistently exceeding client expectations
- Proven expertise in **troubleshooting** issues and reduced bugs by 25% with continuous testing, and implementing **performance optimizations**
- Communicating complex **technical concepts** to **non-technical audiences**

### OPT-Careers Software Developer

January 2020 – May 2021

- Designed and developed web applications using **JavaScript, JQuery and MongoDB** to place orders, maintain records of all the transactions that **improved sites load 50%**
- Conducted requirements gathering, analysis, and documentation to inform the development of user-friendly interfaces with **HTML5, CSS3, and JavaScript**
- Leveraged **Node.js** frameworks like Express and **NPM packages** to create **RESTful APIs**, testing endpoints with **Postman** to ensure optimal functionality
- Utilized **jQuery, JSON** to build **dynamic user interfaces** and implemented templating languages like **Handlebars** and **Mustache** for **seamless data retrieval** and posting

## PROJECTS

### Video Conferencing System:

- Worked on the **backend** to store user's data in the database and functions to **query database** and built a **responsive** web application with node js, **Socket.io** and **WebRTC** and deployed it on **Heroku**
- Validation of interface using JavaScript and jQuery and made it secure from **XSS attacks**
- Maintained routes of the application and added additional client-side functions

### Hospital Management System:

- Developed a system with **Java** and **Spring Boot** to stored data of all the entities of hospital system and developed a prototype, tackle and **troubleshoot database errors** and developed worksheets
- Worked with a team to create data dictionaries and **data flows** from the collected data of a hospital

### Signature Verification System :

- System **Identifies** the **difference** between **original and forgery** signatures with MATLAB.
- Also derives data from scanned documents with neural networks which are stored locally
- Implemented **euclidean distance formula** to **improve** the **accuracy** of the system

## CERTIFICATIONS

AWS Cloud Solutions Architect by Amazon Web Services on Coursera

[Click Here For The Link](#)