

MIT PATEL

mitpatel2710@gmail.com | +1(469) 494 3686 | www.linkedin.com/in/mitpatel27

FULL STACK DEVELOPER | DEVOPS ENGINEER | SOFTWARE ENGINEER

Highly motivated and results-driven software engineer with a strong passion and years of experience in full stack development, DevOps engineering, and software development. Adept at using modern technologies such as React, Node.js, and AWS to build scalable and secure applications. Proven track record of delivering projects on time, within budget, and to high standards. Committed to continuously improving processes and systems to drive better results.

CREDENTIALS

Bachelor of Science (BS), Computer Science | The University of Texas at Dallas, TX, USA

Jan 2020 - Dec 2022

Associate of Science, Computer Science | Dallas County Community College, Dallas, TX, USA

May 2018 - Dec 2019

TECHNICAL SKILLS

- Proficient in programming languages including C, C++, Java, Python, and C#.
- Knowledge of web and media technologies including HTML, CSS, JavaScript, jQuery, XML, React, NodeJS, AJAX, Adobe XD, & GIMP.
- Experienced with database and back-end development using MySQL, MariaDB, MSSQL, Flask, Django, REST API, Firebase, Cassandra (partial), and Neo4j (partial). Proficient in operating systems including Linux, Windows, and macOS.
- Familiar with frameworks such as Spring, Spring boot, Angular, and Hibernate.
- Expertise in DevOps using AWS, Docker, Kubernetes, Google Cloud Platform, IAM, KMS, Networking Services, Management Tools, Microsoft Azure, SaaS, IaaS, PaaS, EC2, ECS, Auto scaling, ELB, SNS, Security, Route53, and CloudWatch.
- Experienced in version control systems including Packer, Jenkins, Ansible, Puppet, Docker, Git, and GitLab/GitHub.

PROFESSIONAL EXPERIENCE

Student Software Developer – UTD, USA

Aug 2022 - Dec 2022

- Developed and launched an iOS app using ML and Swift that determines the physical condition of vehicles using augmented reality.
- Implemented a camera feature in the app that allows users to scan the car and identify any damages through the ML code.
- Contributed to the design and implementation of the app, resulting in a user-friendly and efficient solution for determining the physical condition of vehicles.

ACADEMIC PROJECTS

Snake Game (C++)

June 2020

- Designed and developed a unique computer snake game with a recursive search algorithm and improved its performance through the use of object-oriented programming and multithreading. Also created a 2-dimensional grid for the game to be played on.

Ultimate Tic-Tac Toe Game (JAVA)

Aug 2020

- Developed a tic-tac-toe game using the Minmax algorithm and implemented four different game modes. The game was made unique and challenging by incorporating smaller tic-tac-toe boards, requiring players to strategize. The game was improved to increase its difficulty, making it a challenging experience for both players and computers.

Quiz Applications (JAVA)

May 2021

- A server-based system was designed and implemented in teamwork for storing exam questions based on type, with randomized question selection for fairness. An application was developed to store user selections, calculate scores, and provide real-time feedback and results, resulting in an improved, more efficient and secure exam process.

Library Database Management Systems (Python & MySQL)

April 2022

- The library database was designed to cater to two user groups (readers and staff) and has a user-friendly login page for both. A database management system using MySQL was implemented to track information about books, cost, status, and availability. The implementation improved the efficiency and accuracy of the library database and enhanced the overall user experience.

Airline Project (HTML, CSS, JavaScript, PHP, AJAX, XML, MySQL)

Aug 2022

- Developed a front-end and back-end solution for three airline companies resulting in improved user experience. Designed and implemented five dynamic pages for flight information, booking, status, contact and cart. Used MySQL for efficient data management and storage.

Academic Activities | Goldman Sachs Virtual Experience Program, USA

Jan 2023

- Analyzed results and proposed improvements to controls and policies in a fintech engineering program. Implemented secure password algorithms and salting to improve the security of password databases and protect sensitive information, and migrated from an insecure hashing algorithm to a more secure one to drive better results.

Academic Activities | Cognizant Agile Methodology Virtual Experience Program, USA

Jan 2023

- Utilized Waterfall and Agile methodologies to deliver high-quality results, and developed a comprehensive understanding of User Stories, Role Assignments, and Ceremonies to effectively collaborate with cross-functional teams.

CERTIFICATIONS

C++ Course Certification (Udemy)

2020

Cisco Certified Network Associates (CCNA) Strong collaboration, communication, and problem-solving skills.

2017

Full Stack Java Developer (Udemy)

2023