

KEVINKUMAR PATEL

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CAREER SUMMARY

- Over 2 years of Software Development experience in an Agile team environment and have experienced Continuous Delivery
- Strong hold on Object-Oriented Principles and significant experience in Python, Django, Flask, and Cloud Platform
- Coding enthusiast who is keen to learn new technologies and implement them in finding optimal solutions to real-world problem

WORK EXPERIENCE

Junior Software Developer | HCL Technologies, Vancouver, Canada

Jan 2022 – Jul 2023

- Designed and implemented software solutions in Django-python applications. Worked on Distributed, Service Oriented, and Microservices architecture to deliver scalable, modular, and highly maintainable solutions.
- Responsible for creating and maintaining architecture for Restful API using Django and Django REST Framework. Implemented database connectivity using Django ORM with PostgreSQL. Worked on database concepts like locking, transactions, indexes, sharding, replication and system design.
- Developed a Python package using Poetry responsible for integration with third-party vendors. Worked on Data model and Domain model which mapped to RDB using Django ORM and SQLAlchemy. Developed unit and integration testing using Pytest and Unittest.
- Worked on the user interface using React/Redux, JavaScript, HTML, and CSS for a better user experience.

Full Stack Python Developer | BISAG, Gandhinagar, India

Jan 2019 – Jul 2019

- Implemented a video conferencing platform using "Jitsi Meet"(Open Source Project) and changed a codebase as per the client requirements where ReactJS, Python, Flask, and MySQL were used.
- Improved performance of an existing conference system by 20% by reducing redundant network calls.

Java Developer, Intern | Mindquadr Solutions, Ahmedabad, India

Nov 2017 – Apr 2018

- Created a document search engine using Java, JavaScript, Elasticsearch, Servlet, JSP, and Apache Tika to find phrases from thousands of documents in a moment. Build ETL pipeline between Web sources and Elastic Search Engine.
- Optimized an Algorithm that helped to save manpower and reduced the time by up to 25% to find the phrase.

TECHNICAL SKILLS

Programming Languages: Python, Core Java, JavaScript, C++

Web Technologies: HTML5, CSS3, TypeScript, NodeJS, ReactJS, XML, JSON, RESTful APIs

Database: SQL: MySQL, PostgreSQL, NoSQL: MongoDB

Frameworks Used: Django, Flask, Spring Boot, Spring Framework

Knowledge: AWS(EC2, S3), Jira, Jenkins, Docker, GIT, Github, Gitlab, SOLID, OOP, CI/CD, SDLC, DevOps, OAuth, Kubernetes

PROJECTS

Auto Email using Face Recognition | Technologies: Python, Computer Vision, Django, MySQL, JavaScript | [GitHub](#)

- Developed a face recognition system by extracting landmarks, or features, from an image of the subject's face.
- Used **LBPH algorithm** to recognize faces and Django framework to make a web application.
- Implemented an automatic e-mail service to email the System Owner if the captured face is unknown.

Search Engine | Technologies: Python, Django with REST Framework, JavaScript, HTML, CSS

- Constructed search engine using web scraping, Trie-data structure, text matching, and sorting algorithms.
- Followed proper design principles and kept good software development coding practices to build this application and creating Google Search Page-like application.

Streaming Website | Technologies: ReactJS, JavaScript, HTML, CSS, Firebase | [GitHub](#) | [Live Demo](#)

- Created Netflix like streaming web application using ReactJS where one can watch movie trailers.
- Used TMDB dataset to fetch movie content using REST-API call, displayed in Gallery form and deployed on Firebase.

Post-Ups | Technologies: Java, Spring Boot, NextJS, MySQL, Redux | [GitHub](#)

- Successfully designed and developed a dynamic social media website integrating frontend and backend components.
- Employed Redux Toolkit for state management, enhancing application responsiveness and maintaining a consistent user interface and NextJS, to enhance page loading speeds and user engagement. Used facebook API and NextAuth.js for an authentication.
- Implemented RESTful APIs for microservices and used Spring Data REST, to generate API endpoints and CRUD operations.

Blood Bank System | Technologies: Java, Servlet, JSP, HTML5, CSS3, MySQL, Bootstrap | [GitHub](#)

- Programmed Java-based web application using JSP and front-end technologies to provide an intermediate platform for blood donors and blood banks categorized geographically.
- Integrated relational database system to store the information of donors, hospitals, and blood banks for quick access

EDUCATION

MSc, Computer Science (GPA: 3.49)

Sept 2019 – May 2021

Lakehead University, Thunder Bay, Ontario

Bachelor of Computer Engineering (GPA: 7.8)

June 2014 – May 2018

Vishwakarma Government Engineering College (GTU), Ahmedabad, India

PROBLEM-SOLVING AND CERTIFICATIONS

- Solved **1200+** DSA problems across platforms like [LeetCode](#), [Codechef](#), Codeforces, GeeksForGeeks, and HackerRank.