

MIHIR PATEL

Portfolio

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🌐 [LinkedIn](#)

🐙 [Github](#)

Riverside, CA

Education

University of California, Riverside

Master of Science in Computer Science

Sept 2021 – Dec 2022

Riverside, California

Gujarat Technological University, Ahmedabad

Bachelor of Technology in Computer Engineering

Aug 2017 – June 2021

Gujarat, India

Experience

Marlabs, NJ

Fullstack Developer

July 2023 – Present

- Developed and implemented a new Angular-based dashboard for a client, resulting in a 25% increase in user engagement and a 20% increase in customer satisfaction.
- Collaborated with the back-end development team to build a RESTful API, improving the overall performance of the application and reducing load times by 30%.
- Wrote extensive unit tests and automated tests for all components, resulting in a 90% reduction in bug-related delays and a 15% increase in overall code quality.

Blackstone Technologies LLC, Ohio

Angular Developer

Feb 2023 – June 2023

- Developed and implemented a new Angular-based e-commerce platform, resulting in a 35% increase in sales.
- Created self-contained, reusable, and testable modules and components, resulting in a 30% reduction in development time and maintainability.
- Communicated with external web services to integrate payment gateways and shipping providers, resulting in a seamless checkout process and a 25% increase in customer satisfaction.

Projects

SplitIT

Technologies Used: Angular, Express.js, Node.js, MongoDB, JWT

UC, Riverside

- Developed an expense-splitting application for financial management among multiple users within a group setting.
- Featured settle balance to report transactions along with adding, updating, and deleting expenses.
- Implemented advanced splitting by shares, percentages, or amount.
- Enhanced user experience by implementing search, date filter, and pagination for expense list.

ShopMart

Technologies Used: Angular, Firebase, Material, RxJS

UC, Riverside

- Created a dynamic online shopping application, enabling seamless browsing and purchase of everyday products.
- Implemented a feature-rich shopping cart that allows users to add, edit, and remove items, along with checkout options.
- Featured an intuitive admin panel, empowering admins to search, filter, add, update, or remove items effortlessly.

Burnol Search Engine

Technologies Used: Java, Spring Boot, MongoDB

UC, Riverside

- Developed multi-threaded crawler that extracts data of Wikipedia pages and performs MapReduce enabling seamless indexing of web pages, ensuring optimal search performance.
- Utilized NoSQL database MongoDB to store the indexed data and Hadoop to efficiently process search queries to display the top 10 ranked web pages matched with queries.

Technical Skills

Web Development: Angular, React, Node.js, Express.js, NGRX, JavaScript, jQuery, Gulp, D3, HighCharts, JWT, OAuth

Data Management and Cloud Services: SQL, NoSQL, Hadoop, Spark, MySQL, MongoDB, Redis, AWS

Frameworks and Tools: Django, Flask, Spring Boot, Git, Nginx, Unicorn, Daphne, Docker, Agile, Scrum, Unit Testing

ML and Visualization: Python, Pandas, NumPy, Scikit, TensorFlow, PowerBI, GeoPandas, Folium

Certificates

Lyft Back-End Engineering Virtual Experience Program on Forage - July 2023

[NEW] Ultimate AWS Certified Cloud Practitioner - 2022

Data Engineering Essentials using SQL, Python, and PySpark