

# KAIRAV PATEL

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## EDUCATION

### California State University, Fullerton, Fullerton, CA, USA

*Master of Science, Computer Science*

Expected Graduation: May 2023

GPA: 3.73 / 4.0; Relevant courses: Advanced Algorithm, Advanced Database Management, iOS Development, Web Back-end Engineering, System and Software Standard Requirements, Software Design and Architecture, Advanced Software Process

### Gujarat Technological University, Gujarat, INDIA

*Bachelor of Engineering, Computer Engineering*

August 2020

CGPA: 8.64 / 10.0; Relevant courses: Computer Programming and Utilization, OOP with C++ and Java, Advanced Java, Data Structures, Analysis and Design of Algorithms, Theory of Computation, Compiler Design, Artificial Intelligence, Python Programming  
Awards: 3-time runner up and 1-time champion in Advertising Competition; 3-time winner of Outstanding Leadership awards; ranked 17th/ 80,000 in Web Development Battle; winner of Code-master Event

## TECHNICAL SKILLS

- Programming Language: C | C++ | JavaScript | Python | PHP | JAVA | Swift5
- Technologies and Framework: React.js, Express.js, Node.js, MySQL, NoSQL, Firebase, WordPress, Omni CMS, UI/UX Prototyping, AWS, WooCommerce, Shopify, Django

## EXPERIENCE

### California State University, Fullerton

Fullerton, CA

*Student IT Assistant*

September 2021 - Present

- Developed and updating university's website; front-end with HTML, CSS, Bootstrap and Back-end with C#, .Net, PHP and minimizing server downtime by 1%
- Respond to user requests for technical assistance, troubleshoot problems with hardware and software, and resolve technical issues promptly for over 60k students and faculty on campus
- Collaborated with the IT team to help maintaining networks and server infrastructure, including monitoring server logs, performing backups, and ensuring data security by 100%

### Zurich Graphics

Vadodara, Gujarat, India

*Website Developer*

January 2019 - July 2021

- Developed full stack applications, end-to-end web app and database manager, using JavaScript, Python, React.js, Express.js, Node.js, MySQL and MongoDB
- Wrote clean, efficient, and maintainable code for web applications, ensuring software is scalable and able to handle a high volume of traffic of 2M monthly visitors
- Communicated and presented to internal teams and clients on project status, risks, and solutions to improve functionality, improving customer satisfaction by 85% and retention by 90%
- Formalized best practices into frameworks, refactored legacy code to enhance testability and maintainability, and decreased rework by 25% and cost by 20%

### Earthegale Technologies

Gujarat, India

*Chief Executive Officer*

June 2016 - July 2021

- Founded IT Solutions Company in 2016, built a competent team from scratch to deliver strategy, sales, and go-to-market plans on Website Developments and Mobile Application and worked with more than 150 national and international clients
- Utilized employee leadership, idea collection, and policy deployment strategies to grow repeat business by 85%
- Directed evaluation of company's financial, operational, and sales and marketing structures to plan improvements with continual increase of operating efficiencies by 80%
- Operated and lead a high-performing team, including hiring and developing top talent, and setting clear goals and expectation

## PROJECTS

### Open-Cart Automation Script

August 2021 - December 2021

- Designed Automation Script using Java, Selenium, and Apache Maven Automation Tool to test various functions such as: login, Product Search, Add to Cart, Checkout Process on Open-Cart Platform

### Counterfeit Product Identification through Blockchain

January 2021 - May 2021

- Designed a bar-code web and mobile application operating Android app and Node.js to identify counterfeit product, leveraged blockchain technology using Ethereum and Ganache, and revamped revenue by 60%
- Implemented alert system to notify users regarding counterfeit products deploying JavaScript to stop further transactions

### University Management System (ERP System)

January 2020 - May 2020

- Established a web-based application leveraging JavaScript, Python, Django, and MySQL to automate and organize data
- Created various modules and account access levels for Student, Faculty, Dean, Librarian, Transportation, Accountant, Parents, facilitating online communication and tracking of student's academic achievements