

Kishan Patel

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EDUCATION

Stevens Institute of Technology, Hoboken, New Jersey, USA

May 2024

Master of Science, Computer Science

GPA: 3.7/4

Gujarat Technological University, India

May 2020

Bachelor of Engineering, Information Technology

CGPA: 6.0/9

WORK EXPERIENCE

Frontend Developer Intern – Uth Ai Inc, USA

Feb 2024 - April 2024

- Crafted a responsive front-end for web application using **React** and **Material UI**, reducing load times by **25%**. This involved integrating **RESTful APIs** for content updates, enhancing platform responsiveness.
- Optimized lightweight, user-centric UI components with **JavaScript** and Material UI, contributing to a streamlined interface and efficient data rendering.

Full Stack Web Developer Intern - Rishabh Software Pvt Ltd, India

Jan 2022 - June 2022

- Designed web applications using **HTML**, **CSS**, **JavaScript**, and **AngularJS**, meeting strict deadlines and project specifications.
- Collaborated with cross-functional teams to create **technical documentation**, user manuals, and guidelines.
- Refactored existing code to increase efficiency and maintainability, resulting in an average of **10%** increase in development speed.
- Completed code reviews and assisted with sprints to adhere to agile methodology.

IT Support Specialist - Jay Ambe IT Solutions, India

June 2020 - Dec 2021

- Provided technical support for software and hardware issues, resolving **90%** of tickets on the first contact through systematic **troubleshooting** processes.
- Assisted in setting up and maintaining computer systems and networks.

ACADEMIC PROJECTS

Employee Management System

- Built web applications utilizing modern technologies such as **HTML5**, **CSS**, **Angular**, **ASP.NET**, and **SQL Server**.
- Utilized **Two-way Data Binding** in **Angular**, reducing user input errors by **20%** and enhancing the user experience.
- Created advanced **search** functionality and **CRUD** operations in back end.

Children's Chores Management

- Developed front-end web applications using modern technologies like **HTML5**, **CSS**, **Angular**, and optimized user interfaces for seamless user experiences.
- Children's Chores Management is a web-based application designed to help parents manage their children's daily tasks, schedules, and responsibilities.
- Led a 4-member team in **Agile Scrum**, managing discussions, requirements, development, and testing for efficient project delivery.

Credit Card Fraud Detection

- Crafted and fine-tuned a **logistic regression**-based machine learning model achieving an **87% accuracy rate** in predicting credit card fraud.
- Minimized false **positives by 16%** through rigorous feature engineering and hyperparameter tuning processes.
- Implemented under-sampling and ensemble techniques to address class imbalance, leading to **15% improved performance**.
- Successfully mitigated fraudulent transactions while optimizing **model efficiency by 23%** and **accuracy by 6%**.

TECHNICAL SKILLS

- **Programming Languages:** Python, .Net web language (C#), JavaScript, CSS, Html5, Typescript, Javascript
- **Frameworks:** React, ASP.NET Core, Django, Bootstrap, React, NodeJS, Pandas, NumPy, ` Matplotlib
- **Libraries and Technologies:** jQuery, AJAX, REST API
- **Database / Cloud:** MySQL, SQL Server, MongoDB, AWS
- **Tools:** GitHub, GitLab, Jira, VS Code, Visual Studio 2022, Postman, MS Office, Jupyter, Power BI, Excel
- **SDLC Methods:** Agile Methodology, Scrum, Waterfall, Spiral
- **IT Support Skills:** Troubleshooting, Technical Documentation, End-User Support, System Maintenance, Software Installation, Network Configuration