

KRUSHNA SHAH

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PROFILE

Experienced Software Engineer with almost 2 years of proven expertise in designing and developing high-impact systems. Proficient in modern programming languages and experienced with different Javascript frameworks. Skilled in applying agile methodologies, optimizing application performance, and building scalable, user-friendly solutions. Demonstrates exceptional teamwork, leadership, and communication skills, making significant contributions to both technical and collaborative environments.

EDUCATION

Lakehead University

Master of Science in Computer Science - CGPA - 9.31

SEP 2022 – MAY 2024

Thunder Bay, Ontario

Ahmedabad University

Bachelors of Technology in Computer Engineering - CGPA - 8.03

AUG 2017 – JUN 2021

Ahmedabad, Gujarat

EXPERIENCE

Software Engineer | EroNkan Technologies | Ahmedabad, India

JAN 2021 – JUN 2022

- Developed features for business dashboards, real-time panels & reports to align seamlessly with client needs, leading to a 3% increase in Overall Equipment Effectiveness (OEE).
- Applied full-stack development and scripting techniques using Node.js and Ember.js, resulting in a **5% reduction in page load times** by employing best practices in asynchronous programming and caching.
- Built responsive UI designs optimized for all devices under any display resolution and orientation.
- Achieved over **80% code coverage on multiple backend modules** by writing comprehensive unit tests.
- Served as Scrum master, leading meetings, sprint planning, and retrospectives.
- Built and executed automation tests in Javascript for both APIs and UI components, ensuring reliability and high performance in user-facing functionalities.
- Engaged in peer code reviews to maintain high standards of code quality and performance.
- Tools & Technologies used:** Node.js, Ember.js, Git, Cassandra, Postgres, TimescaleDB, RabbitMQ, Redis-CLI, HTML, CSS, Javascript, Vega-Editor, Github.

TECHNICAL SKILLS & CERTIFICATIONS

Programming Languages: Python, Javascript, C#, SQL, C++, C, Java, HTML, CSS.

Technologies & Frameworks: Node.js, React.js, Ember.js, Django, MySQL, AWS, SQL Server, Cassandra, PostgreSQL, TimescaleDB, Redis CLI, RabbitMQ, RESTful API.

Tools: Git, Github, Postman, Windows, Linux

Certifications: Building a React Project with Google Bard and the PaLM2 API (LinkedIn), attended 7th International Conference on Big Data Analytics (BDA 2019), 1st Runner Up in IoT Auction 2019 (university).

PROJECTS

Stock Trading Software(SE) ↗

JAN 2021 – MAY 2021

- Developed user-friendly software enabling seamless buying/selling of stocks.
- Agile software development principles were utilized to build the product, considering viable stock market strategies and ensuring the ability to pivot quickly in response to market fluctuations.
- Provided real-time updates on available stocks and dynamic prices.
- Framework and Concepts:** HTML, CSS, Javascript, PHP, Scrum, Agile methodology, Git, Github.

Chatbot for disease prediction and treatment recommendation(NLP) ↗ JAN 2020 – MAY 2020

- Chatbot in the healthcare domain estimates the probability of having a disease from the listed symptoms.
- Provides sufficient information to the user about its Causes, Treatments, Disease description and Home Remedies in Gujarati language.
- Language and Concepts:** Python, Natural Language Processing, Machine Learning, Git, Github.

Online Shopping Management System(DBMS) ↗

JAN 2019 – MAY 2019

- Developed a purchasing system with administrative capabilities for order management & receipt generation.
- Implemented procedures, triggers, and functions to review detailed yearly, monthly, and daily reports.
- Automated bill generation based on order details, streamlining the payment process for users.
- Framework and Concepts:** Java, MySQL database, Git, Github.