

Sajed Khan

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EDUCATION

University of Sharjah

BSc. Computer Science Graduate

Sharjah, UAE

Jan 2020 – Jul 2024

AWS Developer Certification (DVA-C02)

Passed June 2025

EXPERIENCE

Full Stack Developer | *React.js, Vue.js, Next.js, Typescript, Node.js*

August 2024 – Present

Datacell Solutions

- Developed a unified UI component library for Dubai Development Authority using Storybook and Stencil.js, enabling consistent design standards across UAE government entities.
- Outsourced to the Ministry of Health and Prevention (MOHAP) to deliver core modules for their KPI Management System, Partnerships System, and additional internal platforms.
- Built secure server-side wrappers for third-party APIs used by Dubai Health Authority, powering the Dubai Now mobile application and ensuring secure data flow.
- Developed the globally scaled Quran Awards platform under the Islamic Affairs Charitable Activities Department.
- Designed and implemented Dubai Police's Weather Forecast application on-site, integrating National Center of Meteorology APIs and connecting with Dubai Police's employee management APIs and Open ID Oauth2 login system.
- Contributed to the development of the new DHA CMS and dynamic page builder, understanding business requirements and ensuring its design were in alignment with Dubai Development Authority (DDA) guidelines.

[Freelance] Full Stack Developer | *MERN Stack*

April 2024 - May 2024

LaBamba Fashion

- Developed a highly customizable B2C E-commerce website with Admin dashboard using Next.js and TypeScript.
- Incorporated latest Next.js server rendering methods to get high load times by implementing lazy image loading and caching.
- Added payment integration with Stripe for online payments.

Frontend Developer | *MERN Stack*

May 2023 – August 2023

Trustline Digital

- Collaborated with leading web developer in the creation of websites on both client and server ends for a fully developed website.
- Increased website security and restricting access for admin-panel pages by developing OTP authentication for enabling secure SMS-based verification.
- Successfully deployed completed website with SSL certificate and fully configured log files the website's frontend and backend on Google Cloud on Nginx web server.

PROJECTS

Location Inference from Tweets using AI | *Python, Flair NLP, BERT Embedding, BERTopic, STDBSCAN, OpenAI*

- Collaborated with a team to do a comparative research with Clustering model and OpenAI on which model can infer location from tweets with greater accuracy.
- Used FLAIR Natural Language Processor to identify the words relating to locations in the tweet and Utilized BERTopic to cluster tweets to fill in gaps in tweet information and strengthen the learning capabilities.
- Combining with STDBSCAN enabled the usage of a Twitters geotags and timestamp values from the tweets to gain insight into the geographical and temporal distribution of data.
- Classified tweets as true spatial using forward geocoding and cosine similarity of the tweets based on the clustering and explicit time and location mentions.

TECHNICAL SKILLS

Languages & Frameworks: HTML, CSS, JavaScript, React.js, Vue.js Node.js, Next.js, C++, Python

Developer Tools & Web Services: Git Bash, Google Cloud Platform, AWS

Databases: MongoDB, Prisma ORM