

Summary

Software engineer with around 3 years of experience in JS/TS, Python and SQL. Quick learner who can easily adapt to new technologies. Proficient in Git and Linux environments with a solid understanding of backend and full-stack development.

Experience

Bosc Tech Labs

Software Developer

Apr 2024 – Present
Gandhinagar, Gujarat

A service based company handling complete development cycle from requirement gathering to deployment

- Implemented POCs to explore possible solutions and support project architecture design
- Collaborated with machine learning engineer to implement inference APIs and data pipeline for YOLO model
- Assisted in client communication by explaining technical components to non technical stakeholders
- Implemented robust unit testing to ensure quality and stability after completing the development
- Developed REST APIs using **NodeJS** and **FastAPI** for third-party integrations and front-end request handling

StayinFront

Full Stack Developer

Aug 2022 – Apr 2024
Gandhinagar, Gujarat

An enterprise-grade CRM platform for field sales and admin teams in consumer goods

- Implemented and maintained workflow automations in **C#**, managing datasets of more than 300K records
- Created reusable SQL scripts for data management tasks including deduplication and data cleaning
- Developed interactive dashboards and analytics using **JavaScript** giving insights to help with business decisions
- Spearheaded the migration for a large set of VBScript code to C#, reducing significant technical debt
- Utilized Spira to track tasks and maintain a transparent backlog in an **Agile** development environment
- Awarded as the **Most Valuable Player** for exceptional contribution to high value projects

Skills

Back End: NodeJS, FastAPI, Postgres, SQL Server, Firebase

Front End: HTML, JS, React Native, JQuery

Languages: Python, Typescript, C, C#, SQL

Tools: Git, SVN, GitHub workflows, Linux

Education

Gujarat Arts and Science College

Bachelor of Science in Mathematics

Sep 2020 – April 2023
Ahmedabad, Gujarat

Projects

JShell

github.com/jaydamani/jshell

Jun 2025 – Present

- A feature rich unix-like shell written in **C**
- Utilized address sanitizer to ensure memory safety
- Optimized command name completion using prefix trees

TCD

github.com/jaydamani/TCD

Oct 2020 – Dec 2020

- A command based bot for my public discord chat group
- Integrated with discord API to perform moderation actions
- Event based ratelimit system to identify spam messages
- Implemented using NodeJS, TypeScript, SQLite

Certificates

- [Javascript Algorithms and Data Structures by freecodecamp](#)
- [Back End Development and APIs by freecodecamp](#)