

KRUPAL BAVISHI

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🔗 LeetCode 🌐 GeeksforGeeks 🍳 CodeChef

EDUCATION

B.E. (Computer engineering) - 8.61 CGPA
G H Patel College of Engineering & Technology

H.S.C. (Aashadeep Science Bhavan)
Board : 93% | GUJCET : 97%

EXPERIENCE

Windowmaker Software Ltd., (.net + C++) (Jan-2024 to present) (Gujarat,India) 🔗

Techstack : .Net , C# , C++ , SQL , Crystal reports

- Working primarily on backend development for live projects using C# and C++, exploring classes like ReportDocument and libraries such as craxdrt.tli for Crystal Reports. Developed extensive SQL scripts, stored procedures, triggers (Logon/DML), and jobs, including data conversion during schema changes, while leveraging SQL Agent to link Windowmaker's data with other CRM databases, ensuring seamless data integration and synchronization. Created detailed Crystal Reports, such as wastage calculation and purchase advisor reports for Fenesta Company, within a large, 35-year-old web application codebase.

BALAJI SKILLERATE PVT. LTD., (MERN) (Jan-2023 to Dec-2023) (Mumbai,India) 🔗

Techstack : Node.js , Express.js , MongoDB , AWS , React , Google apis (oAuth2Client)

Project 1 : Serverless Image/File Management and Image Recognition (AWS)

- Developed a serverless API using AWS Lambda and API Gateway to enable uploading multiple images/files to an S3 bucket and Integrated AWS Textract or Rekognition with Lambda functions to extract text as key-value pairs and tables from the uploaded images/docs, providing easy retrieval through the API along with UI .

Project 2 : EdTech Application

- Developed and integrated a Google Meet integration API with OAuth2 authentication with Google to enable the scheduling of Google Meet sessions in the calendar and facilitated seamless communication between instructors and students and also made APIs for student module.

PROJECTS

Soil Quality Analysis & Crop Prediction 🔗

Crop prediction project is a web app that uses MERN technology to recommend suitable crops for a given area using ML and IoT. It includes user registration, cross ProductID authentication by admin, credential updating features by customers, display best 3 crop names and providing security of user's product via cross authentication. Aim is to provide essential info. regarding crop selection so it can be helpful for farmers.

Galactic Gold Rush 🔗

- Developed a Telegram Bot for a tap-to-earn mini-app, utilizing Telegram's inbuilt webhooks to manage the request flow and ensure seamless user interactions.
- Built backend APIs in Node.js and MongoDB to handle daily rewards, mining cards, challenges, and leaderboards, and automated daily combo challenges and mining rewards with cron jobs.
- Integrated social media APIs (Telegram, Twitter, Discord, Instagram, LinkedIn, Spotify) to dynamically track and verify user activity, automating reward distribution and created a real-time admin dashboard with Grafana for efficient monitoring and performance optimization.

SKILLS

Languages / Frameworks : C , C++ , HTML , CSS , JavaScript , React , Node.js , Express.js , MongoDB , AWS , MERN stack development , C# , .net , PHP , Data Structure , JAVA core , Python