Kevin Christie D'sa

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Experienced Developer with strong skills in MERN Stack Web development, Data Structures and Algorithms, Database Management systems equipped with best code practices. Proficient in JavaScript, React, SQL, NodeJS.

EDUCATION

Stevens Institute of Technology, Hoboken, NJ
Masters of Science in Computer Science   **Current GPA 3.78 on a scale of 4**   **December 2023**
Relevant Courses: Web Programming by Prof. Patrick Hill, Database Management Systems, Data Structures and algorithms

Don Bosco Institute Of Technology, Mumbai University, Mumbai
Bachelor of Engineering in Computer Engineering   **CGPA 7.16 on a scale of 10**   **Mumbai, July 2021**

SKILLS

Professional competencies: Problem Solving, FullStack Development, Presentation, Leadership
Enterprise Software: MS Excel for Data Analytics and Visualization ,MS Poweroint, Photoshop, Premier Pro, AutoCad
Tools and Technologies: JavaScript, NodeJS(ExpressJS, Node-scheduler, nodemailer, axios, Jwt-Tokens, Bcrypt) ,MongoDB, PostgreSQL, ReactJS ,Redis, BootStrap, Java, Python (numpy, pandas, matplotlib), C++, C , Heroku, Firebase(Storage, Auth), Unreal Engine, Unity

INTERNSHIP PROJECTS

Quickmall.in   **Mumbai**
Fullstack developer Intern   **June 2020 – December2020**
Synopsis: Designed website dashboard and product pages, developed API data functions and logic to enforce atomic database calls . Created API server routes using Axios and Redis which improved Dashboard load time.
Technology Used: React JS, MongoDB, NodeJS ,Express, Heroku, JWT-tokens, Redis

Adani Electricity Mumbai ltd   **Mumbai**
Java Web developer Intern   **june 2019 – july 2019**
Synopsis: Implemented the Bill Distribution application, "Customer Out calling" module intended at calling customers to verify bill delivery after a bill has been marked as delivered by distribution agencies.
Technology Used: Java Server pages, MySQL Workbench, Apache tomcat

PUBLICATIONS

IEEE Research Paper (2021)   **IEEEXplorelink:** https://ieeexplore.ieee.org/document/9456238
Author of Research paper "AR Smart Navigation System" Presented at International Conference of Emerging Technology (INCET) on 23rd May 2021 at Jain College of Engineering, Belgaum

PROJECTS

- **Budget Expense Tracker (BET),**   **https://github.com/kevin46dsa/BET-Client**
  Project for course Web Development at SIT, Fullstack web application that gives user the ability to track their expenses, with a detailed dashboard which includes Pie Charts and Bar Graphs for better visual understanding implemented Login System, developed URI endpoints between the api and client-side using axios Designed Dashboard and product review system
  Technology used: React JS, NodeJS, Express, Mongodb, JWT - web tokens

- **Augmented Reality Indoor Navigation System,**   *First Place Winner, INOVEX 2021*
  Final Year Engineering Major Project, Augmented reality indoor navigation is an Android app that provides Indoor Navigation augmented arrows pointing the User towards the desired destination selected by the user this was implemented using AR Core SDK. The app was specifically made for huge Indoor facilities like Warehouses, Malls, Museums and campuses
  Technology used: Unity 3D; Modules used: Navmesh and Google's AR Core SDK

- **Birthday Reminder, MERN Stack Website**
  Mini Project, Full stack web application that enables the user to receive reminder mails, only in the case if a user has a friend/family's birthday. created front-end using React js, built RestFul API using NodeJS, Express. developed scheduled function that gets invoked at a certain time of the day using npm package node-schedule which uses cron expressions
  Technology used: React JS, NodeJS, Express, Mongodb, node-schedule, MomentJS, JWT - web tokens

ACADEMIC ACHIEVEMENTS

- **Augmented Reality Indoor Navigation System, Final Year Major Project Awarded First Place at Innovex 2021**, Innovex is an intra departmental Project competition, Received **Cash Prize of Rs 3500.**
- Completed **Certification** course for **Scrum Fundamentals** from StudyScrum

EXTRACURRICULAR ACTIVITIES

Leadership/Position of Responsibility
- Training and Placements Coordinator of Don Bosco Institute of technology 2020-2021
- Admin Head of Association for Computing Machinery (ACM) for 2 years, 2019-2021, ACM a student chapter of Don Bosco institute of Technology (DBIT),
- A Head of the Technical Team for Hysteria, for 2 years 2018-20. Hysteria is DBIT's annual college fest

Sporting Achievements
- Winner of 5 District Level Certificates in Basketball by Mumbai district.
- Part of Don Bosco institute of Technology, College Basketball team which is in the top 8 teams in Mumbai university 2019