Kevin Christie D'sa

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ

Master's in Computer Science   **Current GPA 3.83**   **Expected December 2023**

Relevant Courses: Web Programming 1 (CS 546), Database Management Systems (CS 561), Data Structures and algorithms (CS 570)

Don Bosco Institute of Technology, Mumbai University, Mumbai

Bachelor of Engineering in Computer Engineering   **CGPA 7.16 on a scale of 10**   **July 2021**

EXPERIENCE

Stevens Institute of Technology,Graduate Course Assistant,   **January 2023**

- Course Assistant for CS 546, Web programming
- Tutored, graded and devised homework assignments for a class of 400+ students
- Supervised slack channel and conducted office hours to assist students with course material

INTERNSHIP EXPERIENCE

Infivision Media, Fullstack Developer Intern   **June 2021 – December 2021**

- Formulated website dashboard and product pages, using React JS and bootstrap to Enhance overall User Interface and attention flow of website
- Engineered an API, employed a Node JS Backend server, MongoDB NoSQL database, programmed data functions and logic to enforce atomic database calls
- Designed API server routes with ExpressJS and Axios to Handle routing session, HTTP requests and error handling
- Implemented Redis to the API Server for caching improved load time by 15%

Adani Electricity, Java Web Developer Intern.   **June 2019 – July 2019**

- Executed a Bill Distribution application, a module intended at calling customers for verification once bill is distributed, Created with Java server pages, Apache tomcat as server, enhanced overall design and functionality

PUBLICATIONS

- 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
  https://ieeexplore.ieee.org/document/9456238

ACADEMIC PROJECTS

RentPipe, https://github.com/kevin46dsa/RentPipe   **December 2022**

- Developed a website platform for users to find properties are listed for Sale or Rent in desired locations. Built using React JS, Firebase Authentication, Storage and Cloudstore to demonstrate key HCI concepts and Optimize targeted E, Efficiency

Budget Expense Tracker, https://github.com/kevin46dsa/BET-Client   **May 2022**

- MERN Fullstack web application gives user ability to track expenses, with a detailed dashboard, includes Pie Charts and Bar Graphs for better visual understanding, enforced Login System implemented using React JS, Node JS, MongoDB ExpressJS

ACADEMIC ACHIEVEMENTS

- Augmented Reality Indoor Navigation System, Final Year Major project awarded First Place at Innovex 2021, Innovex is an intra department Project competition, Received Cash Prize of Rs 3500
- Completed Certification course for Scrum Fundamentals from Study scrum

LEADERSHIP

- Coordinated event and accommodations for Companies visiting campus, team of 20 members, Training and Placements Coordinator of Don Bosco Institute of Technology 2020-2021
- Supervised meetings, Consolidated document database, Handle team of 5 members, Administration Head of Association of Computing Machinery (ACM) from 2019-2021
- Led Technical Team of 15 members for Undergraduate annual College Fest, from 2018-2020

SKILLS

Enterprise Software: MS Excel for Data Analytics and Visualization, 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, Database), Unreal Engine, Unity