ADITYA M

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Computer Science major student looking to develop skills and adept knowledge to develop and work on applications that impact in development of technology.

EDUCATION

ACS College of Engineering   Bangalore, Karnataka

Computer Science Engineering *July 2017 - Present*

Vijaya Composite PU College   Bangalore, Karnataka

Pre-University *June 2015 – May 2017*

BNM High School   Bangalore, Karnataka

High School *June 2015*

INTERNSHIPS

Esilicon TechnoDesign Private Limited, *July 2020 – September 2020*

- Application development.
- Developed API and API gateway for web and mobile application.

Marek Adventures, *October 2020 – December 2020*

- Website Development
- Designed aesthetic website for a travelling company based in Namibia.
- Established hosting server to host the web application.

Oxyease, *February 2021 – June 2021*

- Developing an application that facilitates buying, selling and renting oxygen machines.
- Designed a relational database using MySQL database.
- Developed a API using NodeJS and Express to fetch and query data from database.
- Designed a graphical user interface that facilitated fetch, post, update and delete data in database.

PROJECTS

Taralabalu Samsthana, *Mobile Application* Link
- Designed and developed a mobile application for a religious institution.
- A native mobile application built with React-Native framework and API's.

Combined Steganography and Image Cryptography System, *Cryptography system*

- A cryptosystem that combines steganography and image cryptography to facilitate secure data transfer.
- Cryptosystem uses LSB and total shuffle techniques to produce a scrambled image with message hidden, that can be decrypted only with right keys.

VTU-CSE Mobile App, *Mobile Application* Link

- Designed and developed a mobile application that helps students to access academic resources using API's and React-Native framework.

Performance Based Adaptive Questioning, *Web Application* Link

- Designed and developed a web application that assess students by changing difficulty of questions based on previous attempted questions.

WORKSHOPS

Python with Machine Learning— AVM IT Solutions.

Angular TS web development workshop— Avohi InfoTech.

Careers in Cyber Security — GITAM school of Technology.

SKILLS

Programming: HTML, CSS, JavaScript, Java, Python, C, Kotlin.

Application Framework: ReactJS, React-Native, Android development, NodeJS, Express, AngularTS.

Database: MongoDB, MySQL, S3 Bucket, DynamoDB.