

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 – July 2021*

Vijaya Composite PU College Bangalore, Karnataka

Pre-University *June 2015 – May 2017*

BNM High School Bangalore, Karnataka

High School *June 2015*

EXPERIENCE

Grassroots - GRSSL, *August 2021 – present* **Software Developer**

- Working on Next JS, Node TS, Fastify, and MongoDB stack.
- Understanding business and dialer logic.

NH Robotics, *September 2021 – present* **Freelance Software**

- Working on MERN stack to develop a bridge between web interface and robot.
- Connecting the ROS Bridge to facilitate constant connection

Oxyease, *February 2021 – June 2021* **Internship**

- Worked as an intern 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.

Marek Adventures, *October 2020 – December 2020* **Internship**

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

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

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

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Combined Steganography and Image Cryptography System (unpublished research) [Link](#)

- 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.

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, Angular TS.

Database: MongoDB, MySQL, S3 Bucket, DynamoDB.