

My Name abc

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Education

ABC University

Jul 2018 – Jun 2021

Bachelor of Computer Applications | CGPA: 7.5/10

- **Relevant Coursework:** Data Structures, Design and Analysis of Algorithms, Operating Systems, Cloud Computing, Object-Oriented Programming, Internet of Things, Database Management Systems, Artificial Intelligence

Skills

Programming Languages: Java, JavaScript, Python, SQL, C

Web Technologies & Databases: HTML, CSS, Sass/SCSS, MySQL, MongoDB, PostgreSQL

Frameworks & Libraries: React, Redux, React Router, Node.js, Express, mongoose, Semantic UI, Bootstrap

Developer Tools: Git, GitKraken, GitHub, Postman, npm, Webpack, Babel, WebStorm, VS Code, Eclipse, PyCharm

Projects

Project 1 | [Source Code](#)

Mar 2021 – Jun 2021

- Engineered a robotic car that can provide navigation aid for the blind and visually impaired by performing Real-Time object recognition using tensorflow
- Programmed autonomous navigation of the robot and implemented speech synthesis using eSpeak and Python
- Achieved object recognition of prevalent items with 90% accuracy by implementing coco dataset using tensorflow lite
- **Technologies Used:** Raspberry Pi, Python, TensorFlow, OpenCV, NumPy

Project 2 | [Website Link](#) | [Source Code](#)

May 2021 – Jun 2021

- Developed an e-commerce platform along with an order processing workflow and Content Management System (CMS)
- Integrated PayPal API to authorize payments and implemented dynamic filters for various products
- Designed a responsive layout that will render different React components based on screen width
- **Technologies Used:** React, Redux, React Router, Node.js, Express, MongoDB, mongoose, Bootstrap

Project 3 | [Website Link](#) | [Source Code](#)

Apr 2021 – May 2021

- Developed a full-stack web application that allows users to create & manage a catalogue of tasks
- Implemented Google OAuth 2.0 for user authentication and designed REST API endpoints with MongoDB integration
- **Technologies Used:** React, Redux, React Router, Node.js, Express, MongoDB, mongoose, Passport.js, Bootstrap

Project 4 | [Website Link](#) | [Source Code](#)

Mar 2021 – Apr 2021

- Developed a full-stack web app that can be authorized to get feedback from various users by sending 5k+ emails at once
- Integrated Stripe API to authorize payments and implemented Google OAuth 2.0 for user authentication
- Integrated Sendgrid API to deliver bulk emails and the feedback received will be tabulated using React components
- **Technologies Used:** React, Redux, React Router, Node.js, Express, MongoDB, mongoose, Passport.js, Semantic UI

Project 5 | [Website Link](#) | [Source Code](#)

Feb 2021 – Mar 2021

- Developed a web application that can perform live-streaming using Real-Time Messaging Protocol (RTMP) server
- Produced functional components for an interactive user interface using React Hooks and Semantic UI
- **Technologies Used:** React, Redux, React Router, Semantic UI

Activities

Core Member (Club Name) | ABC University

Mar 2020 – May 2021

- Created coding challenges, expert seminars, and various technical events in collaboration with 2 core members to help students learn new technologies and compete

Head Coordinator (Fest Name) | ABC University

Mar 2021 – Apr 2021

- Organized CMRU's first online tech fest and developed the official website using HTML, CSS and Vanilla JavaScript