

Akhil Malkapuram

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EDUCATION

CVR College Of Engineering, Hyderabad (Jun 2019 - May 2023)
B.Tech, Mechanical Engineering / 8.29 (CGPA)
Courses: Javascript programming language, Python programming language, Project Management.

Narayana Junior College, Hyderabad (Jun 2017 - Mar 2019)
Intermediate, MPC / 93.5%

Shantiniketan Talent School, Hyderabad (Jun 2016 - Mar 2017)
10th class / 8.7(CGPA)

SKILLS & CERTIFICATION

Tools/Languages: Javascript, Python, C Language, HTML, CSS, Git, SQL, MS Office.

Libraries/Frameworks: React.Js, Bootstrap, Sass, Numpy, Pandas, jQuery,, Selenium, NodeJs, MERN Stack.

Soft Skills: Teamwork, Adaptability, Problem-solving, Time management.

Online Courses: Great Learning: Python fundamental for beginners, Forage: Goldman Sachs virtual software engineering program, Nxtwave: Frontend Development course.

Software: AutoCAD, Creo, Catia, Ansys Workbench, MYSQL, Slicer 3D.

PROJECTS

AM-Library Management System ([view](#))

- Developed a comprehensive Online Library Management System using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Designed and implemented a scalable architecture for efficient book management.
- Compatible with all mobile devices and with a beautiful and pleasant user interface.
- Utilized JWT for secure authentication and implemented role-based access control.
- Integrated Axios for API calls, organized into separate files (axiosinstance.js, books.js, user.js, issues.js, report.js).
- Implemented features for admin user operations (issue, return, add, remove books) and user interactions (browse catalog, view transaction history).

Responsive E-commerce website design ([view](#))

- Responsive Shoe Ecommerce Website Design Using HTML CSS & JavaScript.
- Developed first with the Mobile First methodology, then for desktop.
- Compatible with all mobile devices and with a beautiful and pleasant user interface.

Web scraping the YouTube trending live from scratch with Selenium and AWS ([view](#))

- Scraping top 10 trending videos on YouTube using selenium.
- Setting up a recurring job on AWS Lambda to scrape every 30 minutes.
- In the end, the results are as a CSV attachment via email or to a spreadsheet.

React Spotify clone ([view](#))

- Developed a Spotify clone app using React, Axios, and the Spotify API, enabling users to authenticate, the browser with play, pause, and skip functionalities.
- Implemented a user-friendly search feature to allow users to discover playlists, albums, and tracks by integrating the Spotify API's search endpoint.