

Sanjay Nithin

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Experiences

Mar 2023 –
Jul 2023

ESomein, Backend Developer Intern

- Handled the entire development of backend (REST API) including database design, security measures implementation, firebase file storage and API documentation for a school portal utilizing node.js, express.js, jwt, multer, bcrypt, and mongoose.
- Employed tools like nodemon, Postman, MongoDB Atlas, Render and Firebase Storage for seamless development and deployment.

Publications

Dec 2022

Performance Analysis of a Micromodel-based Multinomial Classifier,

2022 International Conference on Computational Science and Computational Intelligence (CSCI) [🔗](#)

- Collected 400 resumes from university students, parsed their resumes using an online tool and encoded the extracted skills using One-Hot Encoding.
- Developed multi-layer feed forward ANNs for each class and aggregated them using a mathematical function.
- Conducted analysis on model performance against traditional algorithms and neural networks.

Projects

Jun 2023

Phishing Detection Webapp

- Trained SVM, Logistic Regression, Random Forest Classifier and AdaBoost models on the dataset using scikit-learn and pickle; used Flask and Jinja to serve webpages.
- Github: <https://github.com/SanjayNithin2002/phishing-detection-api> [🔗](#)
- Webapp: <https://phishing-detection-api-production.up.railway.app/> [🔗](#)

Dec 2022

Cloud File Searching Webapp using AWS Kendra

- Utilized AWS Kendra service to index files stored in a S3 bucket; performed duplication check on files based on ETag and file size and used DynamoDB to store the values; implemented user authentication using bcrypt.
- Github: <https://github.com/SanjayNithin2002/kendra-search> [🔗](#)

Nov 2022

Covid Resources Sharing Webapp

- Served webpages using node.js and express.js; implemented auto-login using cookies; utilized MongoDB for storing records, handlebars for rendering HTML pages and nodemon for hassle free deployment.
- Github: <https://github.com/SanjayNithin2002/covid-resources-nodejs/> [🔗](#)
- Webapp: <https://covid-resources-nodejs-production.up.railway.app/login> [🔗](#)

Education

2020 – present

Vellore Institute of Technology, Bachelor of Technology in Information Technology.

- CGPA: 8.64
- Skilled in Database Management Systems, Network Information Security, Cloud Computing, and Machine Learning.

Skills

Node.js • HTML • CSS • Javascript • MongoDB • Postman • Git • Python • Flask • Machine Learning
AWS • Firebase • Java • C++

Certificates

AWS Certified Cloud Practitioner [🔗](#) • Applied Data Science by Google Developers [🔗](#)