VISHNUPRIYAN J.

SOFTWARE ENGINEER

CONTACT

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SKILLS

Programming:
- Python
- Javascript
- Typescript
- HTML
- CSS
- Machine Learning

FRONTEND:
- ANGULAR
- REACTJS

BACKEND:
- DJANGO
- Sqlite 3

EDUCATION

BACHELORE IN COMPUTER SCIENCE

SRI KRISHNA COLLEGE OF TECHONOLOGY

2018-2022

- CGPA: 7.9

HIGHER SECONDARY CERTIFICATE

SRI VIJAY VIDHYALAYA

2017-2018

- PERCENTAGE: 74%

SECONDARY SCHOOL LEAVING CERTIFICATE

SRI VIJAY VIDHYALAYA

2015-2016

- PERCENTAGE: 92%

PROFILE

Dynamic professional with 2+ years of hands-on experience in IT industrry. Proficient in Angular & React with a demostrated ability to create responsive and user-friendly web application. Good collabration and problem-solving abilities.

WORK EXPERIENCE

SOFTWARE ENGINEER

APPLIED MATERIALS   AUG - 2022 - APR - 2024

Contributed to an inner source product pivotal to the company's ecosystem, addressing reported bugs from various products and introducing pivotal features:

- Implemented an Editable Tree feature allowing users to dynamically edit content using input fields, supporting diverse input file types. This feature includes expand/collapse functionality for child data, facilitating CRUD operations for each node.
- Developed a sorting functionality for efficient management of large datasets, employing stack structures and a sortingDataAccessor Method within Angular Material framework.
- Enhanced code quality and developer productivity by introducing custom ESLint rules, preemptively mitigating common coding errors during the commit phase. This initiative significantly reduced repetitive feedback cycles among peer developers, elevating overall code quality.
- Added a script to list all the package licenses used in the application by watching the Package.json file in the root and List them in a table inside a dialog content.

SOFTWARE ENGINEER

INCRESCO TECHONOLOGIES   May - 2022 - July - 2022

- Lead React Native app development with focus on LinkedIn-level user experience. Collaborate with design/product teams to create scalable, responsive UI components.
- Implement features like **user profiles, job search,** and cross-platform support.
- Ensure top performance across devices and OSs. Deliver high-quality solutions aligned with business goals. Drive innovation to boost user engagement

PRODUCT ENGINEER (PREN - TEAM)

SEZZEL INDIA   OCT - 2021 - APR - 2022

- Lead implementation of advertising scripts like ZestMoney and Simpl on ecommerce site, optimizing placement and styling for visibility.
- Track performance metrics of the advertment added in the ecoemrse sites and collaborate with teams to maximize user engagement and conversion rates.
- Proficient in React TypeScript development

CERTIFICATES

- REACT JS
- Django
- Python
- Java
- Data Structures (Basics)

TECHONOLOGIES

- REACT JS
- Django
- Python
- Angular
- Sqlite 3

PROJECTS

Payments and Recipts Calculator   02/2021 - 04/2021

- Built a Django-powered dashboard with SQLite3 database integration to efficiently manage payments and recipients for non-profit organizations supporting the deaf and dumb community.
- Simplifies the addition of payment and recipient details, with automated annual report generation for streamlined tracking.
- Also contains the Filtering the Income and expenses made with the range of data and also like a global search.
  - Link to view sample - kdda.pythonanywhere.com

Texas salary prediction   02/2024

- "Conducted a Texas salary prediction project utilizing machine learning algorithms to forecast salaries across various industries.
- Analyzed extensive datasets to identify key factors influencing salary trends, including education, experience, location, and industry sector.
- Implemented **Advanced regression models** to accurately predict salary ranges for job seekers and employers. Leveraged Python libraries such as **pandas, scikit-learn, and Scaling for data preprocessing, modeling, and evaluation**.
- Results contributed valuable insights for informed decision-making in the job market.
  - Link to view implementation: Salary Prediction

Cell Phone Price prediction   02/2024

- created a model for predicting cell phone costs that takes into account market trends, specifications, and hyperparameter tuning by utilising a variety of machine learning algorithms.
- optimised the settings of implemented algorithms, including **Gradient Boosting Machines (GBM), Random Forest, Support Vector Machines (SVM), and Logistic Regression,** to obtain optimal accuracy.
- **Confusion_matrix, accuracy, classification_report,** and other trustworthy predictions were among the measures used to evaluate the models.
  - Link to view implementation: Cell Phone Price Prediction