Vaishnavi R

UI Developer | Business Analytics MBA

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Summary

Detail-oriented and proactive Cloud Developer with over 3 years of experience building scalable enterprise UI solutions using ReactJS, and JavaScript. Adapt at quickly learning new technologies and applying data-driven approaches to improve user experience and software reliability. Currently pursuing an MBA in Business Analytics to strengthen strategic and analytical capabilities.

Experience

Hewlett Packard Enterprise (HPE) **SEP 2022- Present**
Cloud Developer 1 Bengaluru, Karnataka

- Designed and developed UI features for enterprise data centre applications using ReactJS, ExpressJS, and JavaScript.
- Delivered key features like the Capacity Forecast with time-until-full indicators, confidence bands, and toggle-able graph views.
- Implemented the Insights Summary in DSCC Dashboard, collaborating closely with backend and UX teams to build flexible and reusable components.
- Built a Replication Dashboard for block storage showing visual statuses for replication sets in sync and async modes using bar charts.
- Participated in daily peer code reviews, wrote unit tests using React Testing Library, and maintained high visual consistency.
- Engaged in cross-functional UX discussions and contributed to mockup development and usability improvements.
- Demonstrated proactive ownership by fixing bugs, optimising tooltips, and ensuring UI consistency across features.

Hewlett Packard Enterprise (HPE) **Mar 2022- Aug 2022**
R&D Intern Bengaluru, Karnataka

- Worked on a Candidate Assessment App across three stages: CLI version, ReactJS frontend, and ExpressJS backend.
- Gained hands-on experience integrating frontend-backend workflows and understanding REST API testing and architecture.
- Practiced daily atomic commits, effective peer reviews, and Agile collaboration.

Hewlett Packard Enterprise (HPE) **Mar 2021- Jul 2021**
Project Intern

- Contributed to an AI-based project aimed at optimising the Software Development Lifecycle.

Education

Manipal Academy of Higher Education (MAHE) **2024 - Present**
Business Analytics Online MBA
9.8 CGPA

GSSS Institute Of Engineering and Technology **2018 - 2022**
Electronics and Communication Bachelor of Engineering
9.1 CGPA

NPS International School **2016-2018**
Science 12, CBSE
84.5%

Certifications

Microsoft Business Analyst Specialization — Nov 2025
Microsoft
https://www.coursera.org/account/accomplishments/specialization/XFM3GW038R1X

Introduction to Applied Business Analytics — Nov 2025
University of Illinois Urbana-Champaign
https://www.coursera.org/account/accomplishments/records/3LXMJFL7JGLW

Tools for Exploratory Data Analysis in Business — Nov 2025
University of Illinois Urbana-Champaign
https://www.coursera.org/account/accomplishments/records/AC2661U5B7MK

Tableau Business Intelligence Analyst Specialization — Jul 2025
Tableau
https://www.coursera.org/account/accomplishments/specialization/TRET8DMM0NN1

Data Analysis with R Programming — Jul 2025
Google
https://www.coursera.org/account/accomplishments/records/U0UD6F0YOMKQ

Databases and SQL for Data Science with Python — Jul 2025
IBM
https://www.coursera.org/account/accomplishments/records/27B9BK59S6FN

Skills

Programming & Frameworks

ReactJS, ExpressJS, JavaScript, HTML, CSS, Python, R

Databases & Tools

Tableau, MySQL, Microsoft Power BI, Excel

Development Practices

Git, Unit Testing (React Testing Library), REST APIs, UX Collaboration, Agile Methodologies, Peer Code Reviews, JIRA, Confluence

Projects

Leukemia Detection using Machine Learning and Health Monitoring — Mar 2022

Developed a machine learning model that analyzes medical images to identify signs of leukemia, improving early detection through automated image-based diagnosis.

AI for Efficient Software Development Process — Jul 2021

Implemented AI techniques to optimize different stages of the Software Development Life Cycle, enhancing accuracy, efficiency, and decision-making in software engineering.

Design of an Alcohol Breath Analyzer — Jul 2021

Created a sensor-based system that detects alcohol levels in a person's breath inside a vehicle, enabling safety features to prevent drunk driving.

Data Science Project on COVID-19 — Mar 2021

Built Python-based forecasting and analytical models to compare global COVID-19 mortality and recovery trends, and visualized insights using Tableau.

Image Classification using Machine Learning — Feb 2021

Developed a machine learning model to classify and predict images by training the system to recognize various image features.

Password Based Security System — Dec 2020

Designed and simulated a secure access system using a password authentication mechanism in NI Multisim to control entry and enhance security.