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Profile

A Computer Science Enthusiast motivated to solve real world problems using modern technologies. As a full stack developer, I developed solutions to address usability issues and increase product performance by 20% and also worked on making products adaptable and accessible to a broader audience by making them WCAG level AA Accessibility compliant. I am eager to contribute to building cutting edge solutions.

Education

M.SC. IN COMPUTER SCIENCE (DATA SCIENCE)

Trinity College, Dublin, Ireland | August 2021 - Present

- Have Achieved overall distinction in Semester – I

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

C. V. Raman college of Engineering, Bhubaneswar, India | August 2013 - June 2017

- Cumulative GPA: 7.82 / 10.0

Employment History

MetricStream Infotech Pvt. Ltd.

MTS - Application Development

APRIL 2018 - AUGUST 2021 | BANGALORE, INDIA

- Implemented Accessibility for the MetricStream application using technologies like BackBone JS, JavaScript, HTML5, CSS and thus enabling the product to achieve WCAG level AA & section 508 certification.
- Delivered a POC to integrate MS-Office with MetricStream application for cross-referencing using Java, React JS and ArangoDB (Graph DB). It was productized as part of the MetricStream M7 application in the subsequent release.
- Utilized PL/SQL, Javascript and Java to develop many product features such as Multi-Dimensional Organization Structure, Multi-char Validation in Forms, Tree Grid visualization implementation, etc.
- Handled QA issues with quick turnaround time and helped customer support teams to resolve customer facing issues.

Skills

Programming: JavaScript | Python | SQL | CSS | HTML

Libraries / Frameworks: jQuery | Node.js | React | BackBone | Django

Database: Oracle | MongoDB | ArangoDB

Tools / Platforms: AWS | Git | JIRA | Confluence

Projects

- **Master's Thesis:** On-going research on Conversational User Interfaces to develop a prototyping tool which lets users create intelligent CUIs that effectively get embedded into any workflow for running experiments to understand how different design characteristics affect the user experience.
- Developed my portfolio website using MongoDB, React and Node.
- Developed Paint-Splat Multi-Player game using React-Native, Django and AWS (IoT Core and Lambda functions)
- Developed Sustainable City Management Dashboard to view live commute options, check predictions and suggestions and report incidents across city using React, Django and AWS.

Achievements

- Was awarded with the Quarterly Award twice for my performance at MetricStream Infotech Pvt. Ltd.
- Was the finalist of the CODE KING competition held by Google Developer Group, Bhubaneswar.
- Certified with the Business English Certificate (prelims) with merit held by Cambridge English.