

HARISH BALASUBRAMANIAM

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EDUCATION

Rutgers University, New Brunswick

May 2024 (Expected)

Master's in Computer Science

GPA: 3.7/4

Relevant Coursework: Data Structures and Algorithms, Database Systems, Foundations of Computer Science

NMIMS University, Mumbai

Aug 2022

Bachelor's in Information Technology

CGPA: 3.45/4

Relevant Coursework: Software Engineering, Web Programming, Object Oriented Programming, DBMS, Mobile Application Development

CERTIFICATIONS

AWS Certified Cloud Practitioner (CLF-C01) | Amazon Web Services

Microsoft Certified Azure Fundamentals (AZ-900) | Microsoft Azure

SKILLS

Languages: Java, JavaScript, Dart, SQL, C++, Python

Web Technologies: HTML, CSS, JSON, XML, PHP, React, Spring, Flutter

DBMS: MySQL, MongoDB

EXPERIENCE

Senpipper Technologies India Pvt. Ltd. | *Business Analyst Intern*

Dec 2021 - July 2022

- Designed and developed custom forms, reports, and workflows using JSON and Postman for over 20 clients, streamlining their manual processes and increasing efficiency by 25%
- Validated forms and workflows using JavaScript, ensuring the accuracy of data and optimizing the user experience, resulting in a 95% reduction in errors and a 20% improvement in user satisfaction as reported through user surveys
- Communicated regularly with clients to understand their unique requirements, and collaborated with a team of developers to implement tailored solutions that met their needs, resulting in a 100% client retention rate

EzOps | *Software Development Intern*

May 2021 - July 2021

- Designed and developed a cross-platform mobile application using Dart programming language and Flutter framework, resulting in a seamless user experience on both Android and iOS devices
- Implemented the onboarding process for new users, to create a smooth sign-up experience, increasing user engagement by 20%
- Worked closely with a team of developers to integrate the onboarding process into the overall application architecture, contributing to the successful completion of the project

Dr. Hemang's Laboratory | *Software Development Intern*

Jan 2021 - Mar 2021

- Developed an Android application using Java and XML in Android Studio, resulting in a user-friendly and functional solution for clients with a user base of over 100
- Implemented a material calculation feature in the application, providing users with the ability to automatically calculate the materials and costs needed to manufacture a specific product, resulting in a 20% decrease in manual errors
- Collaborated with a team of developers to design and implement report generation features within the application, with the data being stored in Google Firebase, enabling clients to easily track and analyze data

PROJECTS

Notes Application [Java, React, REST APIs, Spring Boot, MongoDB]

- Designed and developed a single-page web application using React, to facilitate organizing and tracking textual notes and lists
- Exposed REST API Endpoints for performing CRUD Operations, leveraging Spring-Boot and MongoDB for the server-side functionality

Trekking Information Website Development [JavaScript, HTML, CSS, PHP, Xampp, AWS]

- Developed a comprehensive trekking information website using HTML, CSS and JavaScript resulting in an intuitive and easy-to-use platform for adventure enthusiasts
- Integrated a shopping page within the website, by utilizing the Xampp database and PHP programming to design and implement the shopping page allowing users to add trekking items to a cart
- Successfully hosted the website on AWS Cloud, using services such as S3, EC2, CloudFront, Certificate Manager and Route53

PUBLICATIONS

- Published as **H. Balasubramaniam, K. Anklesaria and Z. Desai**, "**Business Intelligence Visualization Using Deep Learning Based Sentiment Analysis on Amazon Review Data**", *IEEE-12th International Conference on Computing Communication and Networking Technologies (ICCCNT)*, 2021.
- Published as **H. Balasubramaniam, Z. Desai, V. Kulkarni and K. Anklesaria**, "**A Survey on Machine Learning Algorithms for Detecting Fake Instagram Accounts**", *IEEE-3rd International Conference on Advances in Computing, Communication Control and Networking (ICAC3N)*, 2021.