Chamika Edirisinghe
Software Engineer

Contact

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Areas of Interest

- Web Development
- Mobile Development
- Project Management

Web Development

- NodeJs
- Java Spring Boot
- NestJs
- ReactJs
- NextJs
- RESTful APIs
- HTML
- CSS

Programming Languages

- Java
- JavaScript
- Python

Databases

- MongoDB
- MySQL
- Firebase

Profile

Passionate Full-Stack Software Engineer with a comprehensive understanding of both front-end and back-end technologies. Proven ability to design, develop, and deploy highly scalable web applications using NodeJs, Java Springboot, React, Next, as well as mobile applications with Flutter. Excellent problem-solving skills and a collaborative spirit. Eager to join a fast-paced team at a leading tech company and contribute to its growth.

Work Experience

Associate Software Engineer   Jan 2024 - Present
Sanmark Solutions (Pvt) Ltd

- Working on a load testing platform enabling simulation of large-scale user scenarios.
  - Developed frontend with authentication using Amazon Cognito.
  - Developing web service UIs and Implementing APIs/
- Worked on a quotation management system project named Q Master.
  - Developed complete backend API of the system.
  - Created the API documentation with Swagger.
  - Intergrated Sonarqube for code quality checking.

Trainee Software Engineer   Sep 2023 - Dec 2023
Sanmark Solutions (Pvt) Ltd

- Worked on a wedding planning web application project named WedShed for an Australian client.
  - Developed settings feature on the dashboard of the system.
- Worked on a property auction web application, named Bidder for an Australian client.
  - Bug fixing in various modules.
- Worked on the test project for trainees, an Electric Meter Reading, and Bill Calculation system for CEB.
  - Developed both complete backend API and frontend modules.

Projects

Asset Manager - Organizational Asset Management System   Present
Contribution :

- Developed project ER diagram & project plan and led the team
- Developed complete backend API for the system
- Developing the frontend modules

Tech Stack : NodeJs | NestJs | ReactJs | MySQL | Tailwind

Elastic Meter - A Load Testing Web Service (SaaS)   Present
Contribution :

- Development of frontend UIs of the application
- Integrating authentication with Amazon Cognito

Tech Stack : ReactJs | Tailwind | Amazon Cognito | AWS Amplify

Q Master - A Quotation/ Invoice Management System   Jan 2024
Contribution :

- Developed the complete backend API for the system
- Used Swagger for API documentation and implemented SonarQube.
- Developed authentication modules and state management in flutter application

Tech Stack : NodeJs | NestJs | Flutter | MySQL | Swagger | SonarQube

Mobile Development

- Flutter
- Android Studio

Tools

- Git
- GitHub/ GitLab/ BitBucket
- Azure
- Docker
- Jira/ Trello/ MS Project
- SonarQube
- Adobe Photoshop

Soft Skills

- Problem Solving
- Creative Thinking
- Communication Skills
- Time Management
- Leadership Skills
- Adaptability

Hobbies

- Content Creation
- Photography
- Listening to Music
- Watching Films

References

References will be available upon request

Projects

Voting System - Cyber Heaven Eve 2023　　Dec 2023
Contribution :
- Developed project ER diagram & project plan and led the team
- Developed complete backend API for the system
- Developed the authentication modules of the frontend

Tech Stack : NodeJs | NestJs | ReactJs | MySQL | Tailwind | Swagger

Wedshed - An Australian Wedding Planning System　　Oct 2023
Contribution :
- Developed the settings tab modules of the frontend dashboard
- Bug fixing

Tech Stack : NextJs | Tailwind | Swagger

Hotel Reservation System - Group Project　　Sep 2023
An Online Hotel Reservation System with an admin dashboard and controlled role-based access.
Contribution :
- Implementing register/ login and authentication.

Tech Stack : Java Spring Boot | ReactJS | MySQL
GitHub: https://github.com/chamikacme/hotel-reservation-system-backend

FindTuition - An Online Portal for Tuition Classes　　Mar 2023
Contribution :
- Implemented all front-end, back-end modules and database.

Tech Stack : NodeJS | ExpressJS | ReactJS | MongoDB
GitHub: https://github.com/chamikacme/findtuitions

Education

Bachelor in Information Technology (BIT)　　Feb 2021 - Present
University of Colombo School of Computing | Sri Lanka
Second year student | Current CGPA - 3.29

B.Sc. Engineering (Hons.)　　Oct 2018 - Jul 2023
Faculty of Engineering, University of Moratuwa | Sri Lanka
Graduated with Second Class (Upper) | CGPA - 3.31

Adv. Level Examination - Physical Science　　Mar 2015 - Aug 2017
Rajapaksha Central College, Weeraketiya | Sri Lanka
Combined Mathematics - A　　Physics - A　　Chemistry - B

Courses & Certificates

JavaScript Algorithms and Data Structures | FreeCodeCamp　　Jun 2023
Credentials: *bit.ly/js-algorithms-and-data-structures-certificate*

Python Programming | CODL UOM　　Jun 2022
Credentials: *bit.ly/python-programming-uom-certificate*

Elements of AI | University of Helsinki　　Jan 2022
Credentials: *bit.ly/elements-of-ai-certificate*

Extracurricular activities

President　　Feb 2022 - May 2023
Highway Engineering Society Students Chapter, University of Moratuwa

Head - Special Projects Pillar　　Apr 2022 - Apr 2023
Moraspirit

Batch Representative　　Sep 2019 - Oct 2020
Department of Civil Engineering, University of Moratuwa