



NADUN ABHISHEK

TRAINEE SOFTWARE ENGINEER

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PERSONAL STATEMENT

Trainee software engineer dedicated to delivering impactful solutions and eager to tackle dynamic challenges. Proficient in coding, debugging, and user-centric problem-solving, with a strong emphasis on collaboration across teams. Skilled in utilizing modern tools and methodologies to enhance development processes and drive project success.

WORK EXPERIENCE

Trainee Software Engineer , Sri Lanka Telecom 🔗 Aug 2024 - Present

- Built a face recognition attendance system using **Python, OpenCV**, and a server-based classification model.
- Implemented a two-camera setup with Raspberry Pi for real-time entry/exit monitoring and accurate user classification.
- Enabled camera-server communication, detecting the nearest face in multiple faces, triggering LED indicators, and optimized response time to 2-3 seconds.

PROJECTS

Employee Attrition Prediction Using Machine Learning (6 months) 🔗 May 2024 - Nov 2024

- Developed a machine learning-based employee attrition prediction model, leveraging data from university surveys to identify key factors influencing employee turnover.
- Built a web dashboard for HR to visualize and interact with attrition predictions, streamlining decision-making and workforce management.
- Technologies - **Python, Machine Learning, streamlit, Firebase, Numpy, Pandas, scikit learn**

ConnectKDU (10 months) 🔗 Feb 2023 - Nov 2023

- Developed an Android mobile application for KDU that provides easy access to university information for lecturers, students, sports coordinators, and club coordinators.
- Role - **Frontend and Backend Developer**
- Technologies - **Java, Androidstudio, Firebase, Figma, Git, GitHub**

Shark Cave Inn (2 weeks) 🔗 Jun 2022 - Jun 2022

- An interactive website for a hotel
- Technologies - **HTML, CSS, JavaScript**

EDUCATION

General Sir John Kotelawala Defence University Aug 2021 - Present

- BSc(Hons.) in Computer Science

SKILLS

- **Programming Languages** : Python, Java, Javascript, C++, SQL
- **Web Development** : Html, Css, React JS, Node JS
- **Languages**: English, Sinhala(Native)
- **Other** : Docker, Git, GitHub, Figma, Cloud computing, Firebase, Graphic Designing
- **Interest** : Cricket, Badminton

References available upon request.