

Subhash Kumar Jaiswal

Software Developer

A technology enthusiast driven by a deep curiosity.

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📍 Guwahati, India

📄 sjaiswalgit.github.io/portfolio1

EDUCATION

Bachelor of Technology

National Institute of Technology, Silchar

07/2017 - 06/2021

Courses

- Mechanical Engineering

WORK EXPERIENCE

Software Developer

Gotisheel Technologies LLP

09/2023 - Present

Achievements/Tasks

- **Developed APIs and Analytics Dashboards:** Designed and implemented REST APIs and analytics/reporting pages in a Node.js application, enhancing data access and insights. Used MongoDB aggregation to optimize API response times, achieving a 30% efficiency boost.
- **Advanced Detection Solutions:** Developed Python software for face recognition, alcohol detection, and PPE compliance, enabling real-time identity verification and safety monitoring.
- **Interactive Detection Zone Selection UI:** Created a user interface for selecting detection zones within the camera view, enabling precise configuration for face recognition, alcohol detection, and PPE compliance by focusing on relevant areas.
- **Performance Optimization:** Optimized a face recognition API, achieving a 20% improvement in response time.
- **Mobile Application Development:** Developed a React Native Android app using MobileFaceNet for secure login and report generation, featuring safety training modules and assessments that utilize facial recognition to track attentiveness and score user engagement.
- **Configurable System Integration:** Merged multiple projects into a unified solution through a configuration file, enhancing modularity and ease of deployment.

Assitant Manager

Bajaj Auto Ltd

09/2021 - 03/2023

Achievements/Tasks

- **Feedback Analysis:** Analyzed vehicle service feedback via NPS dashboard in Power BI to improve service quality.
- **Customer Complaint Reduction:** Achieved a 10% decrease in complaints in Q4 vs. Q3 of FY21-22 by analyzing root causes using after pulling data from CDMS.
- **Technical Issue Identification:** Reviewed Field Failure Reports (FFRs) to highlight critical issues for CQA and R&D.

SKILLS

Reactjs

Nodejs

Python

HTML5

CSS

React Native

MongoDB

Javascript

PERSONAL PROJECTS

Drag Code Gen

- This an interactive project allowing users to drag and style components with real-time design previews, enabling seamless copy of React.js code for their custom designs.

Portfolio Website

- This is my portfolio website build using Reactjs.

ACADEMIC PROJECTS

Probing nano dynamics of a cancer cell. A machine learning approach.

Built an ML model to analyze the link between breast cancer cell frequencies and mechanical properties for predictive biomechanical insights.

Design of economic motorized stairlift.

Design and analysed an economic motorized stairlift using Catia and Ansys.

ACHIEVEMENTS

1st prize in male sprint event Human Powered Vehicle Challenge 2020

HPVC is competition organised by American Society of Mechanical Engineer (ASME) where a team needs to design and fabricate a human powered vehicle to compete against other team

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency